NJDEP REVIEW OF

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

Conoco, Inc.	NJD004948188 269
Site Name	**Site ID Number**
191 Doremus Avenue	Newark, N.J.
Address	**City, State**

Is Priority Appropriate ? **Yes** _____ **No** X

IF NOT, WHY NOT:

The proper reference (a/k/a Pitt-Consul) is made in the site description and recommendations sections of this PA, but the priority should be a medium to be consistent with the NUS findings at this location.

SPECIFY MISSING INFORMATION

ADDITIONAL RECOMMENDATIONS AND COMMENTS

Reviewer Neil Jiorle **Date:** 4/28/85

248920

Pitt-Consol Chemicals
Conoco Inc.
191 Doremus Avenue
Newark, NJ 07105
(201) 344-3800

January 31, 1983

Mr. Frank Coolick, Chief
Division of Waste Management
Bureau of Hazardous Waste Engineering
32 East Hanover Street
Trenton, New Jersey 08625

Re: TSD Facility Annual Report

Dear Mr. Coolick:

Attached is the Plant's annual report per the New Jersey Waste Regulations as specified in NJAC 7:26-7.6 (f)(2), for 1982.

If you have any questions, please call Alex V. Guanlao, Environmental Engineer, or me.

Sincerely,

Harry D. Garrison
Plant Manager

sag

Registered Mail-RRR

ATTACHMENT A

TSD FACILITY ANNUAL REPORT
Pursuant to N.J.A.C. 7:26-7.6 (f) 2

I. FACILITY (7.6 (f) 2 i)
Pitt-Consol Chemical Company
191 Doremus Avenue
Newark, New Jersey 07105

II. FACILITY EPA I.D. NUMBER (7.6 (f) 2 i)
NJD004948188

III. FACILITY CONTACT
Alejandro V. Guanlao
Environmental Engineer

IV. CALENDAR YEAR COVERED (7.6 (f) 2 ii)
1982

V. COMPILATION OF DAILY OPERATING RECORD (7.6 (f) 2 iii)
Not applicable.

VI. SUMMARY OF MANIFESTS FOR HAZARDOUS WASTES RECEIVED (7.6 (f) 2 iv)
Not applicable - all wastes stored and/or treated are generated on site.

VII. WASTES STORED/REMOVED FROM STORAGE DURING REPORTING PERIOD (7.6 (f) 2 v)

Description of Waste	Inventory 1/1/82	During Period Added	During Period Removed	Inventory 12/31/82
A. Hazardous Wastes (Solid)				
1. Cresylic Acid Waste	12 T	99.21 T	111.21 T	18,787 Lbs.
2. Hazardous Waste Solid (Tank Residues)	0	18.59 T	18.59 T	0
3. Solid contaminated with Fuel Oil and Cresylic Acid	0	6,430 Lbs	6,430 Lbs	0
4. Corrosive Solids, N.O.S.				
a) 4-tertiary-butyl-ortho-thio-cresol		5,920 "	5,920 "	0
b) Thiophenol	0	600 "	0	600 "
± 5. Hazardous Waste, N.O.S.				
a) Solid contaminated with Fuel Oil	0	1,400 "	1,400 "	0
b) Sludge/Solid contaminated with Chrome	0	2,295 "	2,295 "	0
6. Empty Drums, N.O.S.	0	280 "	280 "	0
B. Hazardous Wastes (Liquid)				
1. Sodium Hydroxide Solution	0	6,400 "	6,400 "	0
2. RQ, $BF_3H_3PO_4$	6,300 Lbs.	0	6,300 "	0
3. RQ, Sulfuric Acid	0	900 "	900 "	0
4. Crude Cresylic Acid Waste (Flammable & Corrosive	0	65.93 T	65.93 T	0

VIII. MONITORING DATA (7.6 (f) 2 vi)

Not Required.

IX. COST ESTIMATE FOR FACILITY CLOSURE (7.6 (f) 2 vii)

$27,570

X. CERTIFICATION (7.6 (f) 2 viii)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties under N.J.S.A. 7:1E-1 et seq. for submitting false information, including the possibility of fine and imprisonment.

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Harry D. Garrison
Plant Manager

1/31/83
Date

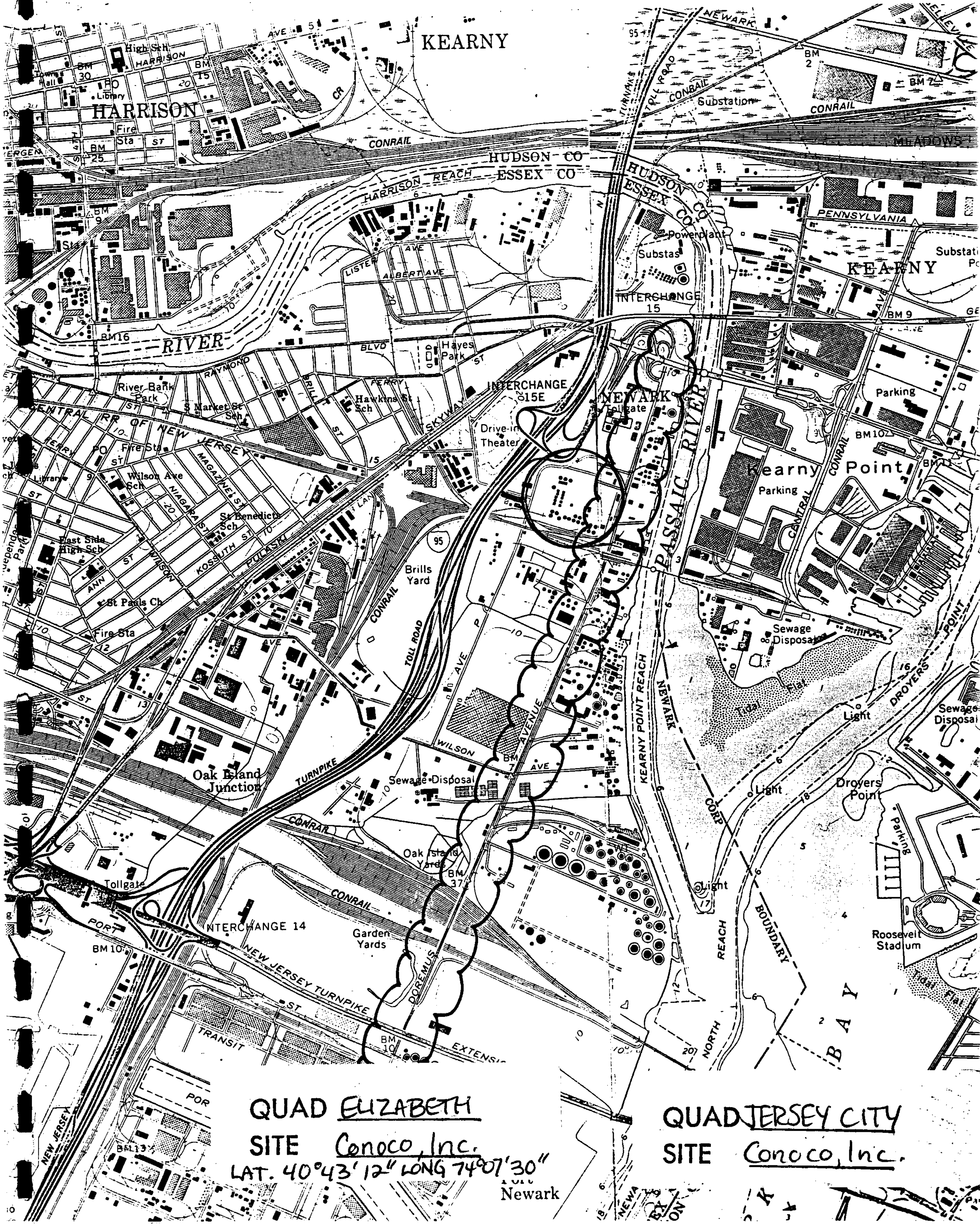
SECTION I

Information Required By N.J.A.C. 7:1E-4.3

(1) Name & Location	Pitt-Consol Chemical Company 191 Doremus Avenue Newark, New Jersey 07105
(2) Owner and Operator	Same as above
(3) Owner's Agent	Plant Manager
(4a) Total Storage Capacity	12,000,000 gallons
(4b) Transfer Capacity	300 gallons per minute for products and raw materials (fuel oil can be unloaded to facility at a rate of 1,500 gallons per minute).

Hazardous Substances[5] as per N.J.A.C. 7:1E-1.3(j)	Average Daily Throughput[6] (Gallons per Day)	Comments
Petroleum Products	14,000	Fuel oils, gasoline, diesel, nonene, etc.
Phenol	11,000	Main feedstock
Cresol	6,000	Major product
Xylenol	3,000	Major product
Toluene	25	Occasional by-product
Caustic	10	Operating supply
PCB's	-	Contained in four transformers. No make-up.
Sulfuric Acid	4	Operating supply
Sodium Nitrite	1	A component in our molten salt system charge.
Resorcinol	2	Part of feedstock
Water Treating Chemicals by Drew Chemical Corporation		
Drewsperse® 782	0.5	Contains hydrochloric acid
CWT-102®	0.5	Contains chromic acid
Steamfilm® FG	2	Contains small amount of acetic acid.
Biosperse® 201	1	Contains ammonium chloride.

(7) We wish to qualify as a self-insurer and have done so under similar federal regulations. Typical certifications assigned to our parent company, Continental Oil Company (now Conoco Inc.) were submitted in our transmittal of 5/31/77 to the Division of Water Resources, N.J.D.E.P..



QUAD ELIZABETH
SITE Conoco, Inc.
LAT. 40°43'12" LONG 74°07'30"

QUAD JERSEY CITY
SITE Conoco, Inc.

Pitt-Consol Chemicals
Conoco Inc.
191 Doremus Avenue
Newark, NJ 07105
(201) 344-3800

February 15,1984

Mr. Frank Coolick, Chief
Division of Waste Management
Bureau of Hazardous Waste Engineering
32 East Hanover Street
Trenton, New Jersey 08625

Re: TSD Facility Annual Report

Dear Mr. Coolick:

Attached is the Plant's annual report per the New Jersey Waste Regulations as specified in NJAC 7:26 - 7.6 (f)(2), for 1983.

If you have any questions, please call me.

Sincerely,

David Hollis

David W. Hollis
Process Superintendent

cc: HDG, File - DEPTSD Annual Report

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART I

1. CALENDAR YEAR COVERED 1983
2. FACILITY'S NAME PITT-CONSOL CHEMICAL COMPANY
3. EPA ID NO. NJD 004948188
4. MAILING ADDRESS 191 DOREMUS AVENUE
   NEWARK, NJ 07105
5. STREET ADDRESS OF FACILITY
6. FACILITY CONTACT DAVID HOLLIS PHONE NUMBER 201-344-3800
7. CLOSURE COST ESTIMATE $ 27,570
8. POST-CLOSURE COST ESTIMATE (if applicable) $
9. CERTIFICATION STATEMENT

"I certify under penalty of law that I have personally examined and am familar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties under N.J.S.A. 13:1E-1 et seq. for submitting false information, including the possibility of fine and imprisonment".

DAVID HOLLIS	David Hollis	2/15/84
Print or Type Name	Signature	Date

A-5

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	269

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ C. CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

01 ☐ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: 269

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES *(Spills/runoff/standing liquids/leaking drums)* — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

Conoco, Inc., is the parent company of Pitt-Consol Chemical. This entry, Conoco, Inc., should be removed from the list.

V. SOURCES OF INFORMATION *(Cite specific references, e.g. state files, sample analysis, reports)*

NJDEP and USEPA Files: Attachments A - E

EPA FORM 2070-12 (7-81)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART I

10 F. Quantity of each waste type treated, stored or disposed of at the facility:

LINE NUMBER	a) DESCRIPTION OF WASTE	b) NJDEP HAZARDOUS WASTE NUMBER	c) HANDLING METHOD	d) AMOUNT OF WASTE	e) UNIT
1.	Cresylic Acid Waste	U-054	SO1	30.99	T
2.	Corrosive Liquid, N.O.S.	D002	SO2	452.09	T
3.	Waste Fuel Oil, No.4	D001	SO2	141.48	T
4.	Corrosive Solid, N.O.S. (Contaminated w/up to 1600 ppm PCB)	D002	SO1	119.12	T
5.	Corrosive Liquid,N.O.S. (Contaminated w/up to 1600 ppm PCB)	D002	SO2	72.25	T
6.	Corrosive Solid, N.O.S. (Clothing & rags contaminated with PCB & Cresylics)	D002	SO1	17.56	T
7.	Sulfuric Acid, Spent	D002	SO1	3.6	T
8.	Soil contaminated with disulfides	D002	SO1	6.1	T
9.	Solids contaminated with cresols	U052	SO1	3.6	T
10.	Hazardous Waste (Fuel Oil)	X725	SO1	2.0	T
11.	Thiocresol Solid	D002	SO1	320.0	P
12.	Thiophenol Solid	P014	SO1	1435.0	P
13.	Non-Hazardous Waste	-	SO1	2.5	T

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

EPA

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: 269

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Conoco, Inc	191 Doremus Avenue				
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG. DIST.
Newark	NJ	07105	Essex		

09 COORDINATES: LATITUDE 40 43 12.0 | LONGITUDE 74 07 30.0
BLOCK 5016 LOT 30

10 DIRECTIONS TO SITE (Starting from nearest public road): New Jersey Turnpike to Exit 15E. Proceed east to Doremus Ave., go south.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)			
Conoco, Inc	191 Doremus Avenue			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER	
Newark	NJ	07105	(201)-3443800	
07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER	
			( )	

13 TYPE OF OWNERSHIP (Check one)
[X] A. PRIVATE [ ] B. FEDERAL _____ (Agency name) [ ] C. STATE [ ] D. COUNTY [ ] E. MUNICIPAL
[ ] F. OTHER _____ (Specify) [ ] G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
[X] A. RCRA 3001 DATE RECEIVED: 6/17/83 (MONTH DAY YEAR) [X] B. UNCONTROLLED WASTE (CERCLA 103c) DATE RECEIVED: 6/8/81 (MONTH DAY YEAR) [ ] C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
[X] YES DATE 4/19/83 (MONTH DAY YEAR) [ ] NO

BY (Check all that apply)
[ ] A. EPA [X] B. EPA CONTRACTOR [ ] C. STATE [ ] D. OTHER CONTRACTOR
[ ] E. LOCAL HEALTH OFFICIAL [ ] F. OTHER _____ (Specify)

CONTRACTOR NAME(S): NUS/FIT

02 SITE STATUS (Check one)
[ ] A. ACTIVE [X] B. INACTIVE [ ] C. UNKNOWN

03 YEARS OF OPERATION
1900 (BEGINNING YEAR) | 1983 (ENDING YEAR) [ ] UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Petrochemical derivatives, asbestos products, and picric acid were either produced or stored on-site. Four transformers were found to contain PCB-contaminated oils. (Attachment A,B)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
A potential exists for soil and ground-water contamination from spilled and buried wastes over the eighty years of operation. (Attachment B)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
[ ] A. HIGH (Inspection required promptly) [ ] B. MEDIUM (Inspection required) [ ] C. LOW (Inspection on time available basis) [X] D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
Fred Schmitt	NJDEP/BEERA		(609)-2921215	
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Paul Sidorenko		M. Pirnie, Inc	(201)-8450400	3/29/85 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	269

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES *(Check all that apply)*

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ *(Specify)*
- ☐ E. SLURRY
- ☐ F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE *(Measures of waste quantities must be independent)*

TONS _____
CUBIC YARDS _____
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS *(Check all that apply)*

- ☐ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☐ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☐ G. FLAMMABLE
- ☐ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES *(See Appendix for most frequently cited CAS Numbers)*

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS *(See Appendix for CAS Numbers)*

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION *(Cite specific references, e.g. state files, sample analysis, reports)*

EPA FORM 2070-12(7-81)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART I

10 G. Total quantities of each waste type consigned to each treatment, storage or disposal process:

LINE NUMBER	HANDLING METHOD	WASTE TYPE	NJDEP HAZARDOUS WASTE NUMBER	AMOUNT OF WASTE	UNITS
1.	S01	Cresylic Acid Waste	U054	30.99	T
2.		Corrosive Solid, N.O.S. (contaminated with up to 1600 ppm PCB)	D002	119.12	T
3.		Corrosive Solid,N.O.S.(clothing & rags contaminated with PCB &Cresylics)	D002	17.56	T
4.		Sulfuric Acid, Spent	D002	3.6	T
5.		Soil Contaminated with disulfides	D002	6.1	T
6.		Solids contaminated with cresols	U052	3.6	T
7.		Hazardous Waste (Fuel Oil)	X725	2.0	T
8.		Thiocresol Solid	D002	320.0	P
9.		Thiophenol Solid	P014	1435.0	P
10.		Non-Hazardous Waste	-	2.5	T
11.	S02	Corrosive Liquid,N.O.S.	D002	452.09	T
12.		Waste Fuel Oil, No. 4	D001	141.48	T
13.		Corrosive Liquid,N.O.S.(contaminated with up to 1600 ppm PCB)	D002	72.25	T

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART II

11. FACILITY EPA ID # NJD 004948188

12. GENERATOR NAME PITT-CONSOL CHEMICAL COMPANY - ON-SITE

13. GENERATOR ADDRESS 191 DOREMUS AVENUE
NEWARK, NJ 07105

14. GENERATOR EPA ID#

15. WASTE IDENTIFICATION

LINE NUMBER	a) DESCRIPTION OF WASTE	b) NJDEP HAZARDOUS WASTE NUMBER	c) HANDLING METHOD	d) AMOUNT OF WASTE	e) UNITS
1.	Waste Corrosive Solid, N.O.S.	D002	Disposed off-site	770.51	T
2.	Cresylic Acid Waste	U-054	S01/Disposed off-site	30.99	T
3.	Corrosive Liquid,N.O.S.	D002	Disposed off-site	202.83	T
			S02	452.09	T
4.	Waste Fuel Oil, No.4	D001	Disposed off-site	163.26	T
			S02	141.48	T
5.	Corrosive Solid, N.O.S. (Contaminated with up to 1600 ppm PCB)	D002	Disposed off-site	47.47	T
			S01	119.12	T
6.	Corrosive Liquid, N.O.S. (Contaminated with up to 1600 ppm PCB)	D002	Disposed off-site	20.00	T
			S02	72.25	T
7.	Corrosive Solid, N.O.S. (Clothing & rags contaminated with PCB & Cresylics)	D002	S01	17.56	T
8.	Crude Cresylic Acid	D001	Disposed off-site	16.24	T
9.	Sulfuric Acid,Spent	D002	Disposed off-site	8.5	T
			S01	3.6	T
10.	Soil contaminated with disulfide	D002	S01	6.1	T
11.	Solids contaminated with cresols	U052	S01	3.6	T
12.	Potassium Nitrate with/ Sodium Nitrite	D001	Disposed off-site	42.0	T
13.	Hazardous Waste (Fuel Oil)	X725	S01/Disposed off-site	2.0	T
14.	Thiocresol Solid	D002	S01/Disposed off-site	320.00	P
15.	Thiophenol Solid	P014	S01/Disposed off-site	1435.00	P
16.	Non-Hazardous Waste	-	S01/Disposed off-site	1.8	T
			S01	0.7	T

A-8

NUS CORPORATION

POTENTIAL HAZARDOUS WASTE SITE

SITE INSPECTION REPORT

Pitt-Consol	NJD004948188
Site Name	EPA Site ID Number
191 Doremus Avenue Newark, NJ	02-8301-05
Address	TDD Number

Date of Site Visit: March 2, 1983

SITE DESCRIPTION

Site is an active chemical plant with a long history of industrial activity. Wastes from tar processing in the 1950s were stored in surface impoundments that were subsequently filled, levelled, and covered with gravel. Unknown quantities of petrochemical derivatives and picric acid may have been disposed on-site.

PRIORITY FOR FURTHER ACTION: High___ Medium X Low___

RECOMMENDATIONS

There are no above-ground wastes on the site at present. Contamination is restricted to tar wastes mixed with fill material on the surface, and possibly leachate in groundwater. Neither the groundwater nor surface water in the area is used for water supply, and site access is strictly controlled. For these reasons, this site presents no immediate danger to the public. However, a more detailed investigation, including soil samples, is needed to fully define the problem.

Prepared by: Scott Stanford of NUS Corporation Date: April 19, 1983

ATTACHMENT B

8301-05

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: D004948188

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Pitt-Consol Chemical Co.	191 Doremus Avenue				
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 COUNTY**	**07 COUNTY CODE**	**08 CONG DIST**
Newark	NJ	07105	Essex	013	10

09 COORDINATES: LATITUDE 40° 43' 12" N | LONGITUDE 74° 07' 30" W

10 TYPE OF OWNERSHIP (Check one): ☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION: 03 / 02 / 83 (MONTH DAY YEAR)

02 SITE STATUS: ☒ ACTIVE ☐ INACTIVE

03 YEARS OF OPERATION: 1917 (BEGINNING YEAR) active (ENDING YEAR) ☐ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply):
☐ A. EPA ☒ B. EPA CONTRACTOR NUS Corporation (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR _____ (Name of firm)
☐ E. STATE ☐ F. STATE CONTRACTOR _____ (Name of firm) ☐ G. OTHER _____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Scott Stanford	Geologist	NUS Corp.	(201) 225-6160
09 OTHER INSPECTORS	**10 TITLE**	**11 ORGANIZATION**	**12 TELEPHONE NO.**
Alan Woodard	Aquatic Biologist	NUS Corp.	(201) 225-6160
Rich Dabal	Geologist	NUS Corp.	(201225-6160
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Harry Garrison	Plant Manager	191 Doremus Ave. Newark, NJ 07105	(201) 344-3800
David Hollis	Process Superintendent	191 Doremus Ave. Newark, NJ 07105	(201) 344-3800
Alex Guanlao	Environmntl Engr.	191 Doremus Ave. Newark, NJ 07105	(201) 344-3800
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	10:00am	Partly cloudy, windy, temperatures in 40's

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO
Mark Haulenbeek	Environmental Protection Agency	(201) 321-6776

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Scott Stanford	NUS Corp.	Region II FIT	(201) 225-6160	03 / 08 / 83 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

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EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	D004948188

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [X] A. SOLID
- [ ] B. POWDER, FINES
- [X] C. SLUDGE
- [ ] D. OTHER _____ (Specify)
- [ ] E. SLURRY
- [ ] F. LIQUID
- [ ] G. GAS

02 WASTE QUANTITY AT SITE
(Measures of waste quantities must be independent)

TONS _____
CUBIC YARDS 24,200
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- [X] A. TOXIC
- [X] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [ ] D. PERSISTENT
- [X] E. SOLUBLE
- [ ] F. INFECTIOUS
- [ ] G. FLAMMABLE
- [X] H. IGNITABLE
- [ ] I. HIGHLY VOLATILE
- [X] J. EXPLOSIVE
- [X] K. REACTIVE
- [ ] L. INCOMPATIBLE
- [ ] M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE	24,200	cubic	Quantity based on
SOL	SOLVENTS		yards	impoundments visible on
PSD	PESTICIDES			aerial photographs taken
OCC	OTHER ORGANIC CHEMICALS			in 1954. Impoundments covered
IOC	INORGANIC CHEMICALS	20-30	cubic yds	acres and were 3 feet deep.
ACD	ACIDS	unknown		Asbestos from old piping.
BAS	BASES			Picric acid formerly produced
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
IOC	asbestos		bagged, in pile, waiting to be transported		
			off-site.		
OCC	petrochemical derivatives		Formerly in SI, SI was levelled and covered		
	(naphthalene, cresylic		with gravel prior to 1967. Similar wastes		
	acid, phenol, coke, roofing		presently generated are all transported off-		
	pitch and other resins)		site.		
ACD	picric acid		UNknown		

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	information not available		FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

INterviews with Mr. Harry Garrison, Plant Manager, during site visit, 3/2/83.
Inspection of aerial photographs in custody of Pitt-Consol Chemical Co.

EPA FORM 2070-13(7-81)

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EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NJ	D004948188

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0 — 04 NARRATIVE DESCRIPTION

Water table is close to the surface and is probably in contact with the material in the former pitch bays. The groundwater in the area is brackish and is not used for water supply.

01 [X] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0 — 04 NARRATIVE DESCRIPTION

High water table discharges into Passaic River and Newark Bay. Contamination in ground water will reach these water bodies. Water from Passaic River is only used for industrial purposes.

01 [ ] C. CONTAMINATION OF AIR — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

No potential exists.

01 [ ] D. FIRE/EXPLOSIVE CONDITIONS — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

No potential exits.

01 [X] E. DIRECT CONTACT — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 73 — 04 NARRATIVE DESCRIPTION

Workers in the facility could come into contact with contaminated soil. Site is inaccessible to the general public.

01 [X] F. CONTAMINATION OF SOIL — 02 [ ] OBSERVED (DATE 3/2/83) — [ ] POTENTIAL — [ ] ALLEGED
03 AREA POTENTIALLY AFFECTED: 10 (Acres) — 04 NARRATIVE DESCRIPTION

Tar wastes are exposed in the fill in the southern section of the site. The ground surface elsewhere on the site is covered by a layer of gravel.

01 [ ] G. DRINKING WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

No potential exists.

01 [X] H. WORKER EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 73 — 04 NARRATIVE DESCRIPTION

Workers in the facility could come into contact with contaminated soil and water.

01 [ ] I. POPULATION EXPOSURE INJURY — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

No potential exists.

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: D004948188

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

There is no soil exposed on site. Surface is covered by asphalt, gravel or tar wastes.

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include number(s) of species)
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists.

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills, Runoff, Standing liquids, Leaking drums)
03 POPULATION POTENTIALLY AFFECTED: 73 workers
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION The former impoundments and buildi were leveled, partially covered with gravel. Empty, rusted drums are on the property. There is no spilled waste, runoff, standing liquids, or leaking drums visible.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

There were drum storage areas in and around tar pits. These may have been buried when impoundments were leveled. No drums have been encountered during recent construction activities on site.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 73

IV. COMMENTS

During rainfall, the ground water table rises and occasionally discolored water is visible.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site inspection 3/8/83 and conversations with Mr. Garrison, Plant Manager.

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	D004948188

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES	Covered under sewer permit to Passaic Valley Sewerage Commission			
☐ B. UIC				
☒ C. AIR	25 State permits; 20 new permit applications			
☒ D. RCRA	NJD004948188			
☒ E. RCRA INTERIM STATUS	NJD004948188			
☒ F. SPCC PLAN	no number			also a DPCC plan
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☒ I. OTHER (Specify)	204010722	5/13/81	5/13/83	sewer permit for Passaic Valley Sewerage Commission
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☒ A. SURFACE IMPOUNDMENT	former 24,200	Cubic Yds.
☐ B. PILES		
☐ C. DRUMS, ABOVE GROUND		
☒ D. TANK, ABOVE GROUND	approximately 20 empty	
☐ E. TANK, BELOW GROUND	storage tanks	
☐ F. LANDFILL		
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☒ I. OTHER (Specify) buried drums may be present at site.-		

04 TREATMENT (Check all that apply)

- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☒ H. OTHER (Specify) All wastes generated at present are transported offsite.

05 OTHER

☒ A. BUILDINGS ON SITE approximately 15

06 AREA OF SITE

37 (Acres)

07 COMMENTS

The quantity indicated for the former surface impoundments is based on a surface area of 5 acres and a depth of 3 feet, as inferred from aerial photographs. These impoundments contained viscous wastes from tar processing. They were filled and levelled sometime between 1955 and 1967.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☒ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC Former surface impoundments were leveled and tar wastes apparently spread over entire site.
There are several empty, rusted drums in the fill material on the site. There are no dikes, liners, or barriers. Fill is partially covered by gravel.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE ☐ YES ☒ NO

02 COMMENTS

Site is completely enclosed by a secure chain-link fence. Access is strictly controlled through a gate.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. State files, sample analysis reports)

Alex Guanlao (Environmental Engineer, Pitt-Consol Chemical Co.)

Site Inspection 3/8/83

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: D004948188

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. ☒	B. ☐
NON-COMMUNITY	C. ☐	D. ☐

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ☒
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE
A. 25 (mi)
B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☒ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER: 0

03 DISTANCE TO NEAREST DRINKING WATER WELL: 2 (mi)

04 DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
3 (ft)	east	none (ft)	Not applicable (gpd)	☐ YES ☐ NO Not applicable

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)

A nearby firm installed a 700-foot well in 1980. Chloride concentrations ranged from 800 ppm at depth to 3600 ppm near the surface.

10 RECHARGE AREA		11 DISCHARGE AREA	
☐ YES ☒ NO	COMMENTS	☒ YES ☐ NO	COMMENTS Site is adjacent to an estuarine reach of the Passaic River

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☒ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Passaic River	☐	0.2 (mi)
	☐	(mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. 10,000 NO OF PERSONS	B. 40,000 NO OF PERSONS	C. 265,000 NO OF PERSONS

02 DISTANCE TO NEAREST POPULATION: 0.5 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE: numerous (densely urbanized area)

04 DISTANCE TO NEAREST OFF-SITE BUILDING: 0.01 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g. rural village, densely populated urban area)

The immediate vicinity of the site is an uninhabited industrial area. A densely populated urban area begins 0.5 miles to the west.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: D004948188

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☒ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

fractures may increase the permeability

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH	
65 (ft)	unknown (ft)	unknown	

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
25 (in)	2.7 (in)	0 %	flat	0 %

09 FLOOD POTENTIAL
SITE IS IN UNKNOWN YEAR FLOODPLAIN

10 estuary 0.1 miles east of site
☒ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE	OTHER
A. 0.1 (mi)	B. 15 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)
_____ (mi)
ENDANGERED SPECIES: none

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AG LAND
A. 0 (mi)	B. 0.5 (mi)	C. _____ (mi)	D. 20 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Site is on flatlands bordering the Passaic River and Newark Bay. There is no surface drainage off the site.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Herpers, Henry & Barlesdale, Henry. 1951. Preliminary Report on the Geology and Ground-water Supply of the Newark, New Jersey, Area. New Jersey Department of Conservation and Economic Development, Division of Water Policy and Supply, Special Report 10.

U.S. Geological Survey, Elizabeth 7½-minute quadrangle

Nemickas, B. 1974. Bedrock Topography and Thickness of Pleistocene Deposits in Union County and Adjacent Areas, New Jersey. U.S. Geological Survey Micellaneous Geologic Investigations Map 795.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NJ	D004948188

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	none		
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
Organic Vapor Analysis	There were no readings above background using HNu, Photoionization detector.

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☒ GROUND ☒ AERIAL

02 IN CUSTODY OF NUS Corporation
(Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS
Site Location Map and Site Map attached. Plan map of site in FIT files

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

15 Polaroid photographs and 18 35 mm photographs taken during site visit.

6 representative photos are included in report. Polaroids and remaining 35mm photos are in NUS custody.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis reports)

Aerial photographs are in custody of Pitt-Consol Chemical Co.

EPA FORM 2070-13 (7-81)

MALCOLM PIRNIE

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

Conoco, Inc.	269
Site Name	**Site ID Number**
191 Doremus Ave.	Newark, Essex Co., NJ
Address	**City, State**

Date of Off-Site Reconnaissance March 27, 1985

SITE DESCRIPTION

As per an USEPA/FIT site inspection, the site (a.k.a. Pitt-Consol) has had a long history of industrial activity. Wastes from tar processing in the 1950's were stored in surface impoundments that were subsequently filled, graded, and covered with gravel. Unknown quantities of petrochemical derivatives and picric acid may have been disposed of on-site.
Manufacturing operations ceased on May 23, 1983, and site closing operations are currently proceeding as per RCRA regulations. Workers wearing protective gear were observed dismantling storage tanks and impoundments during the off-site reconnaissance.

PRIORITY FOR FURTHER ACTION: High ____ Medium ____ Low ____ None X

RECOMMENDATIONS

This site is an alias of Pitt-Consol Chemical.
A site inspection was performed by NUS/FIT in March 1983.
This entry, Conoco, Inc., should be removed from the list.

Prepared by: Paul Sidorenko **Date:** March 29, 1985

Of: Malcolm Pirnie

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NJ	D004948188

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Pitt-Consol Chemicals	none	191 Doremus Avenue		Newark	NJ	07105

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE	12 CITY	13 STATE	14 ZIP CODE
Conoco Chemicals, Co. (Conoco Inc.)	00-842-7692	Highridge Park, Box 1050		Stamford	CT	06904

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Consolidation Coal Co.		purchased by Conoco in 1967				
Reilly Tar and Chemical Co.		unknown			IN	
Butterworth-Judson Corp.		unknown				

IV. REALTY OWNER(S) (If applicable; list most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Harry Garrison (Plant Manager for Pitt-Consol Chemicals)

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EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	D000948188

II. CURRENT OPERATOR (Provide if different from owner)

01 NAME	02 D+B NUMBER
same as owners	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER

OPERATOR'S PARENT COMPANY (If applicable)

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

01 NAME	02 D+B NUMBER
same as previous owners	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Harry Garrison (Plant Manager for Pitt-Consol Chemical Co.)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	D004948188

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
Pitt-Consol Chemicals	none

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
191 Doremus Avenue	

05 CITY	06 STATE	07 ZIP CODE
Newark	NJ	07105

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
None: all wastes were generated onsite.			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
Present transporters not known			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Harry Garrison (Plant Manager for Pitt-Consol Chemical Co.)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: D004948188

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ D. SPILLED MATERIAL REMOVED
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ E. CONTAMINATED SOIL REMOVED
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ F. WASTE REPACKAGED
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ G. WASTE DISPOSED ELSEWHERE
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ H. ON SITE BURIAL
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ I. IN SITU CHEMICAL TREATMENT
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ J. IN SITU BIOLOGICAL TREATMENT
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ K. IN SITU PHYSICAL TREATMENT
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ L. ENCAPSULATION
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ M. EMERGENCY WASTE TREATMENT
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ N. CUTOFF WALLS
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ P. CUTOFF TRENCHES/SUMP
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

01 ☐ Q. SUBSURFACE CUTOFF WALL
02 DATE _____ 03 AGENCY _____
04 DESCRIPTION
None

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	D004948188

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☒ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

Tar fill is partially covered by gravel.

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

None

III. SOURCES OF INFORMATION (Cite specific references e.g., state files, sample analysis, reports)

EPA files, N.J. Department of Environmental Protection files.

EPA FORM 2070-13 (7-81)

B-14

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NJ	D0049481

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☒ YES ☐ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

EPA files contain an Enforcement Report dated 4/15/76, which lists an SPCC number of 47620 for Pitt-Consol. A code violation was reported by the Inspector.

EPA files also contain an incident report to the state office of Hazardous Substance Control from P.O. Allen of the U.S. Coast Guard (212-668-7936), dated May 12, 1981. The report indicates that an "unknown" red liquid was released into the Passaic River by dumping or illegal discharge on May 11, 1981. Pitt-Consol is confirmed as the source of the spilled substance. The case number is 81-05-12-003.

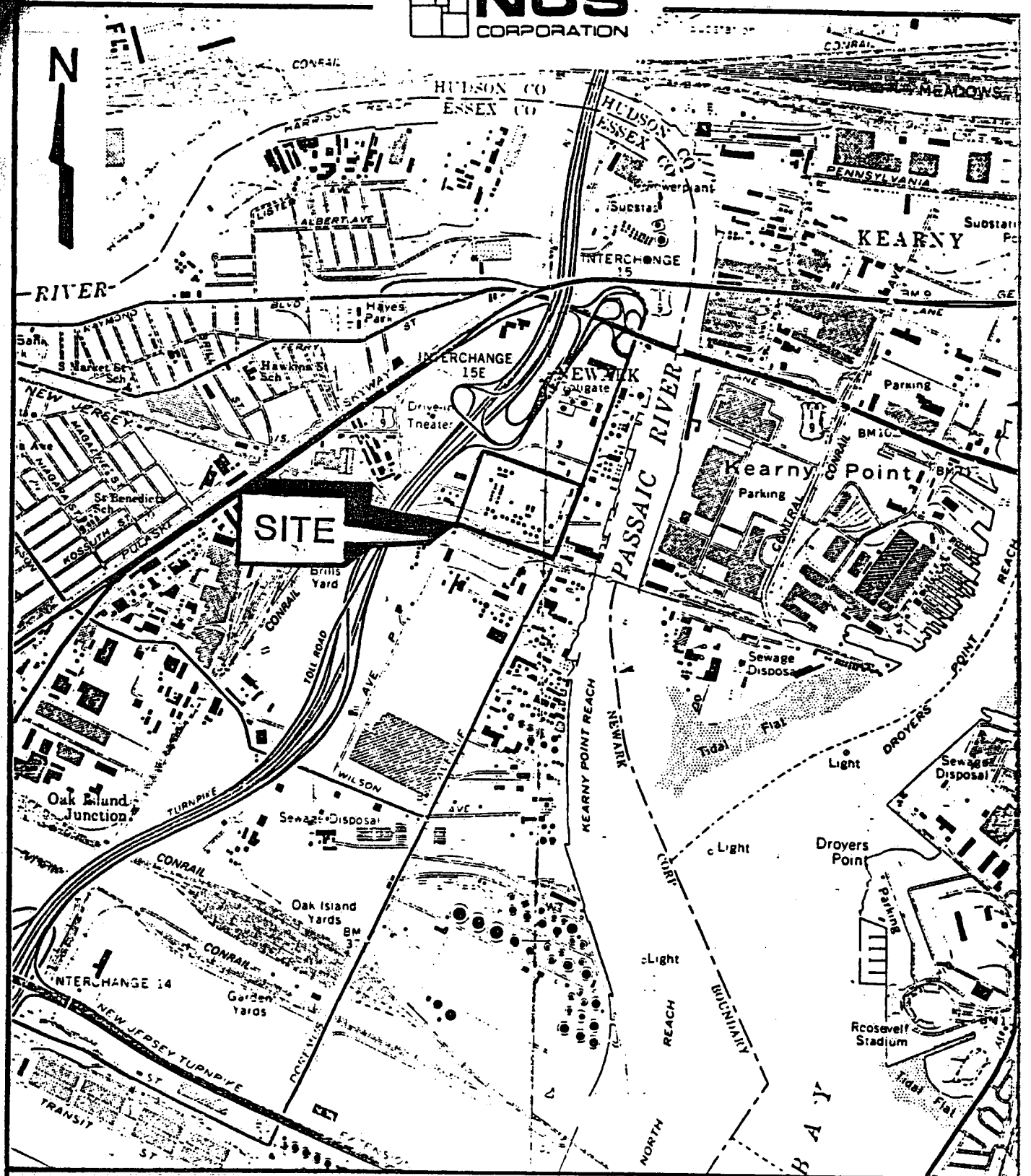
III. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

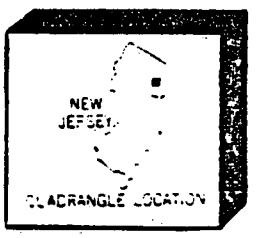
EPA files

EPA FORM 2070-13 (7-81)

B-15

NUS CORPORATION





1000 0 1000 2000ft

1:24,000

FIGURE 1

PITT-CONSOL

NEWARK, N.J.

B-16

SITE LOCATION MAP

NUS CORPORATION

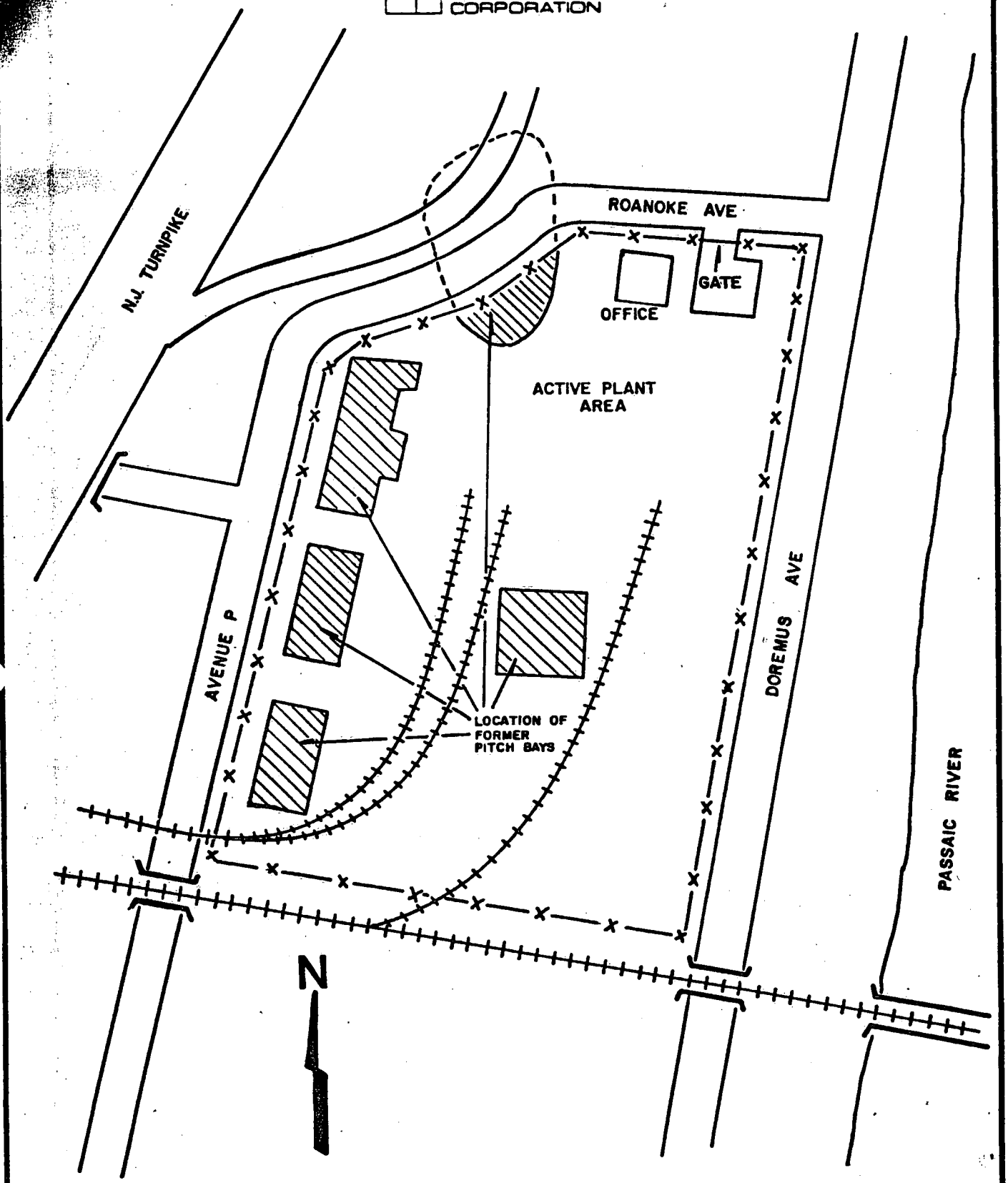


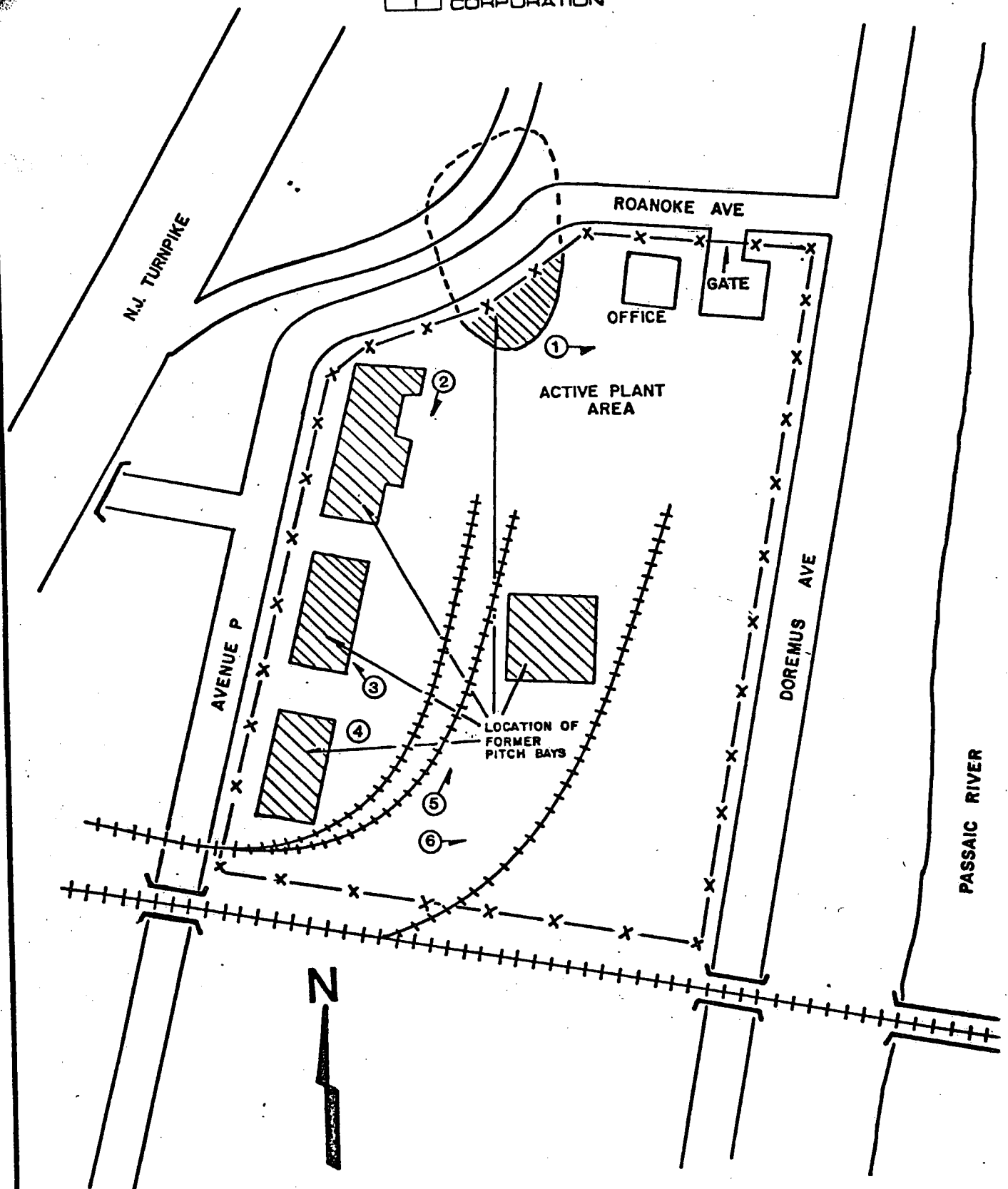
FIGURE 2

PITT-CONSOL
NEWARK, N.J.

SITE MAP

B-17

NUS CORPORATION



LEGEND:

○— DIRECTION OF PHOTO

(NOT TO SCALE)

FIGURE 3

PITT-CONSOL
NEWARK, N.J.

B-18

PHOTO LOCATION MAP

INDEX TO PHOTOGRAPHS

1. Gravelled surface in active plant area.

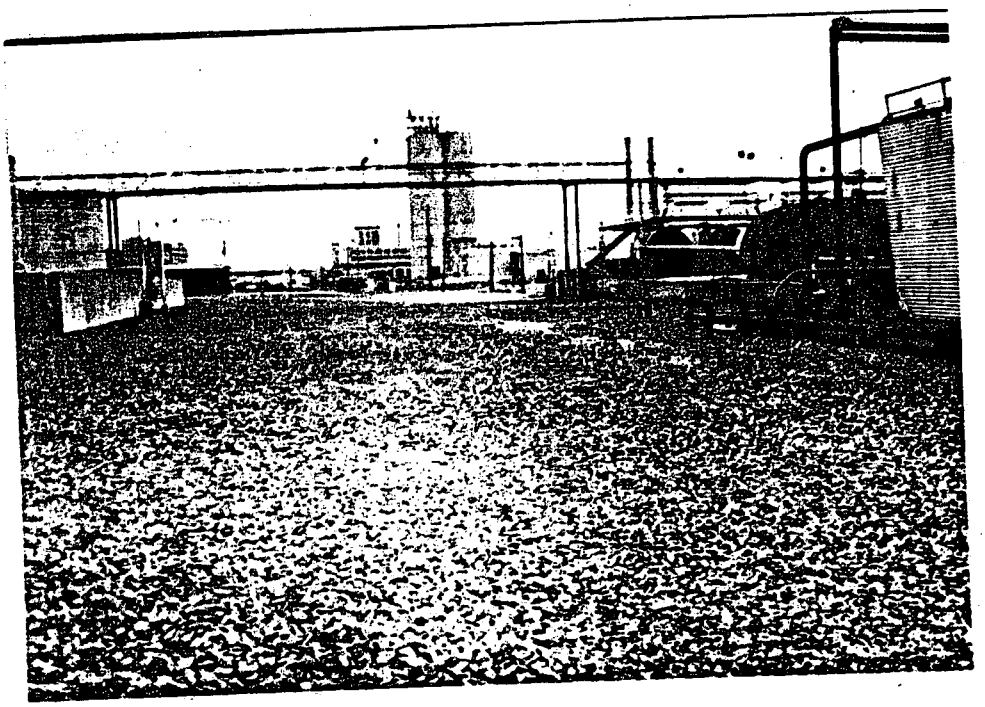
2. Gravelled surface covering former tar waste impoundments

3. View of fill covering former tar waste impoundments.

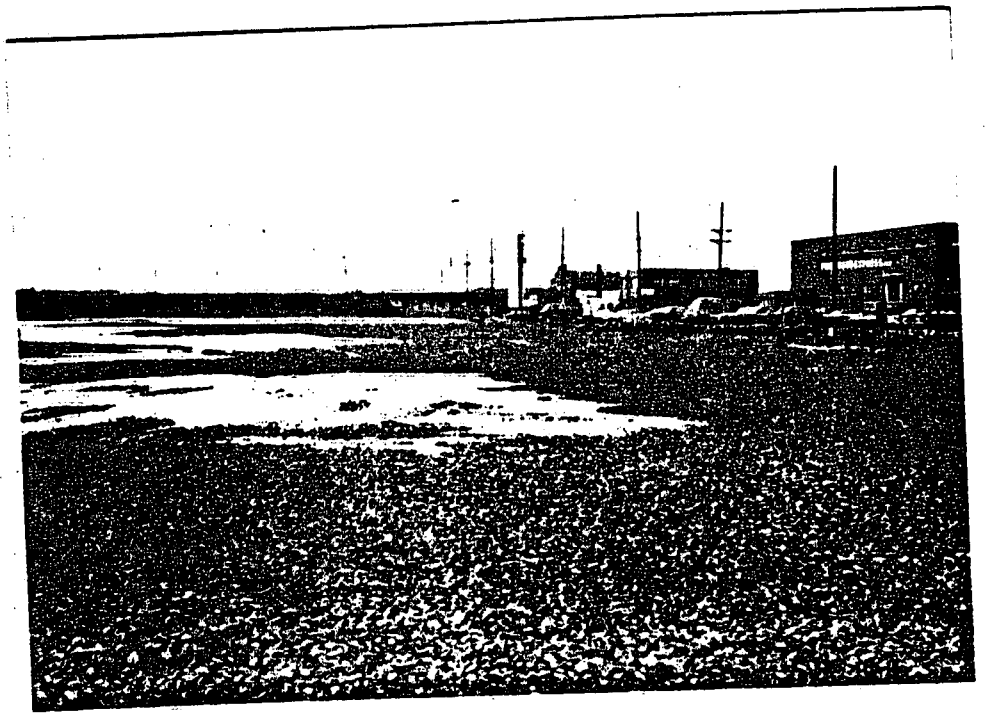
4. Close-up of tar waste on surface above former impoundments.

5. Surface with tar waste visible.

6. Surface with tar waste visible. To the right (south) of photo 5.

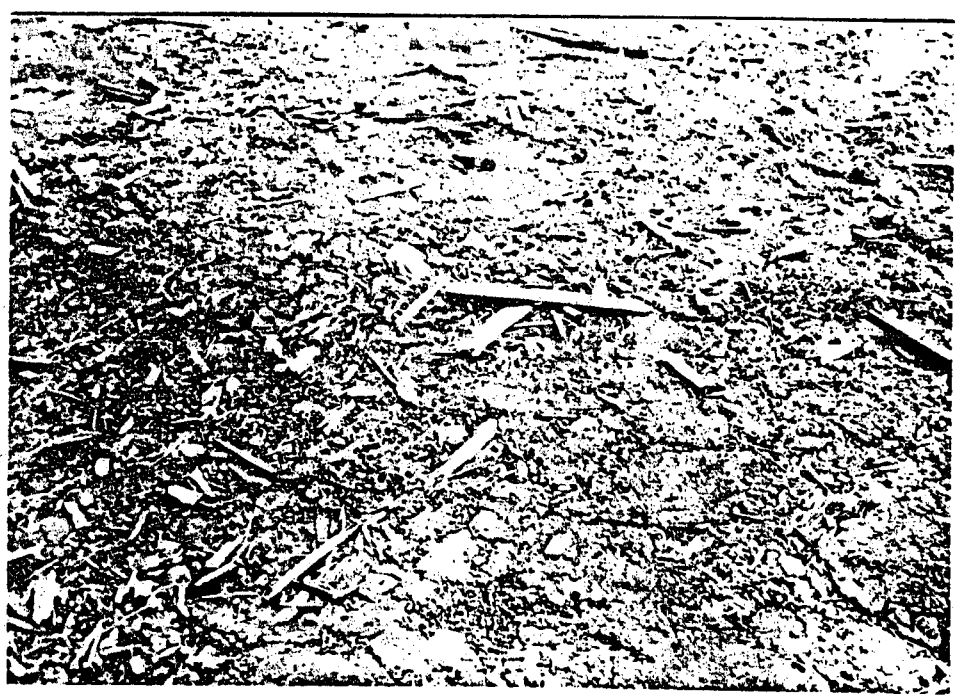


1. Gravelled surface in active plant area.



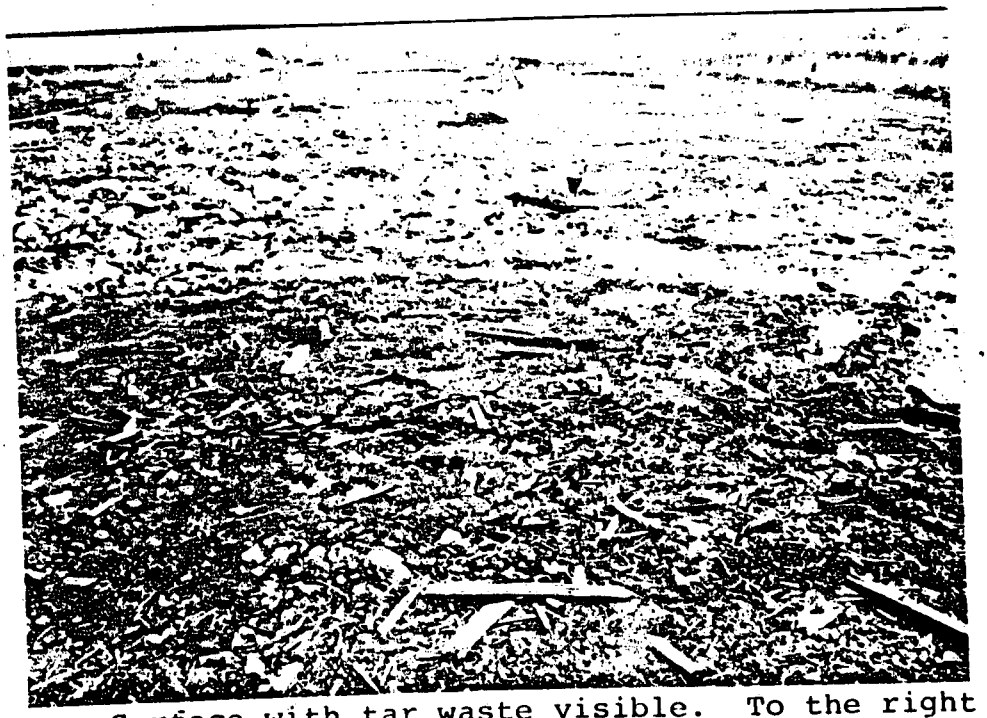
2. Gravelled surface covering former tar waste impoundments.

3. View of fill covering former tar waste impoundments.



4. Close-up of tar waste on surface above former impoundment.

5. Surface with tar waste visible.



6. Surface with tar waste visible. To the right (south) of photo 5.

Pitt-Consol Chemicals; Newark, NJ
March 2, 1983

Pitt-Consol Chemicals
Conoco Inc.
191 Doremus Avenue
Newark, NJ 07105
(201) 344-3800

June 17, 1983

Mr. Frank Coolick, Chief
Bureau of Hazardous Waste Engineering
32 E. Hanover, CN 027
Trenton, New Jersey 08675

Re: Notification of Plant Closure

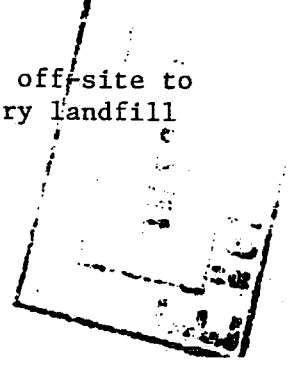
Dear Mr. Coolick:

This letter is to notify the Department of Environmental Protection (DEP) that Pitt-Consol Chemical Company is closing its plant in Newark, New Jersey and withdrawing from cresylic acid business. On May 19, 1983, the plant shutdown was announced to all its employees and the public (see May 20, 1983 Star Ledger).

The plant has an interim RCRA permit (EPA ID No. NJD 004948188) from EPA as a generator/treatment/storage facility of hazardous wastes. This facility only manages its on-site generated wastes. These permitted waste facilities will be closed as per the attached plan. A copy of our closure plan and Polaroid pictures of the facility/systems were submitted to Mr. Enrie Kuhlwein, Environmental Engineer, Bureau of Hazardous Waste Engineering, during our June 15, 1983 meeting in Trenton, New Jersey. Closure of these system/equipment should be completed on or before the specified date(s) below:

Equipment/System	Closure Action	Target Closure Date
Effluent Sump/ Phase Separator	Remove floating oil/organics and burn on site for heat recovery (supplementary fuel). Discharge wastewater to PVSC.	January 1, 1984
Hot Box	Decontaminate and properly dispose of contaminated solids/ residues.	September 1, 1983
Drum Storage/ Drum Cleaning Areas	Ship and dispose of drummed wastes off-site. Ship steam-cleaned drums (empty) for salvage/disposal.	September 1, 1983
Waste Pile (Asbestos)	Ship asbestos waste off-site to DEP-approved sanitary landfill (ID No. 27).	August 1, 1983

ATTACHMENT-C



The manufacturing operations ceased on May 23, 1983, and activities to reduce inventories, clear equipment and secure the facility began. We have contracted SCA Chemical Services to begin the equipment clearing/decontamination/waste disposal activities by starting with ten storage tanks which were not in active service at the time of the shutdown. It is our objective to clean, decontaminate and properly dispose of any hazardous wastes generated such that all tankage and process equipment will be free of hazardous materials and no hazardous materials will remain stored in the Plant. Major activities included in achieving this objective:

a) Sale or dispose of all products, by-products or raw materials.

b) Clean/decontaminate all tanks and process equipment as well as properly dispose of any hazardous wastes generated.

c) Remove and properly dispose of PCB oils in equipment owned by Pitt-Consol (Note: the equipment would be refilled with a Non-PCB oil).

d) Clean/decontaminate all underground vessels including a gasoline storage tank and fill with water.

e) Transfer laboratory chemicals and processing supplies to other company facilities that can use the materials and/or properly dispose as hazardous wastes.

f) Clear and secure the fuel oil transfer line (shore-to-tank) and have it sealed by the Coast Guard.

The Company has not finalized plans for final disposition of plant property/ assets. We have therefore undertaken activities to "mothball" selected pieces of equipment in the event the equipment is to be re-used or sold.

Because of the scope and complexity of this closure project, it is difficult to determine an exact completion date for these activities. We have set September 30, 1983 as a target; however, it would not be unrealistic to expect that it would extend into the fourth quarter. In addition, you should be aware that we will provide 7 days per week around-the-clock security until final disposition of the Plant/property is accomplished.

If you need further information, please call Harry D. Garrison (Plant Manager), D. W. Hollis (Process Superintendent) or me.

Sincerely,

Alex. V. Guanno
Environmental Engineer

Enc: Closure Plan

c: Mr. Joel Golumbek, Chief
(N.J. and Caribbean Hazardous Waste Section)
Solid Waste Branch, US EPA Region II
26 Federal Plaza
New York, New York 10278

C-2

PITT-CONSOL CHEMICAL COMPANY
HAZARDOUS WASTE MANAGEMENT
CLOSURE PLAN

Pitt-Consol's Hazardous Waste Management facilities as per RCRA Notification permit (EPA ID No. NJD 004948188) are:

Facility Description:

I. Plant Effluent Sump - The plant's effluent flow to this sump by gravity where oil/floating organics are skimmed off and burned onsite for heat recovery. Effluent undergoes further treatment in the effluent phase separator tank before it is descharged to the PVSC (Passaic Valley Sewerage Commissioners) treatment systems.

II. Effluent Phase Separator - This system utilizes tank F-169 to separate the lighter and heavier organic phases continuously from the aqueous phase. The organic material is burned in the boiler for heat recovery. The aqueous phase is discharged to PVSC treatment systems.

III. Waste Pile (Asbestos) - Asbestos material generated from the removal of old pre-cast insulation during equipment repair/maintenance, steam tracer tie-ins, etc., is stored in above ground waste pile. Asbestos is wetted with water, placed in special labeled bags and stored with tags indicating the weight and date.

IV. Hot-Box - Drums containing residues, off-specification and spilled materials are melted down and recycled as fuel for heat recovery.

V. Drum Storage and Cleaning Area

A. South Tank Farm Storage - All drummed materials in item VIII were transferred to this location. The off-specification materials are melted in the Hot-Box and burned for heat recovery. The solids/residues from hot box operation are placed in DOT-approved drums and stored in this area for off-site disposal.

B. Drum Cleaning Area - This area is used primarily for steam cleaning of contaminated drums prior to internal reuse and/or disposal (off-site). Wastewater generated by this steam cleaning operation flows to effluent sump for discharge to the PVSC.

VI. Boron Fluoride Phosphoric Acid Storage Area - The material stored in this area used to be the old catalyst in the alkylation of phenol. There were 28 drums, 225 pounds each, of unused catalyst in the west end of building 46. This material was shipped off-site on March 29, 1982.

VII. Alkylation Reactor - This reactor (3,000 gallon capacity) was intended for neutralization of acidic and basic wastes. Since the reactor was never used for waste treatment no further closure action is required.

VIII. Temporary Drum Storage Area - This area was originally used as interim drum storage for the plant's residues, off-specification materials and contaminated solids awaiting internal recycle or shipment for off-site disposal. All drummed materials were transferred to Drum Storage and Cleaning Area (see item V above) and closed prior to May 1981. No further closure action is required.

Closure Procedures:

I. Plant Effluent Sump

The sump is 24 feet diameter and 8 feet deep of which 3 feet is above ground. The liquid level is 5 feet above the bottom of sump.

$$\text{Volume of Liquid} = \frac{\pi D^2}{4} \times h = \pi \frac{(24\ ft)^2}{4} \times 5\ ft \times 7.48\ gal/CF$$

$$= 17{,}000\ Gal.$$

The presence of a sump pump keeps the maximum level of sludge to 6 inches or less.

$$\text{Volume of Sludge} = \frac{\pi D^2}{4} \times H = \pi \frac{(24\ ft)^2}{4} \times 0.5\ ft \times 7.48\ gal/CF$$

$$= 1{,}700\ Gal.$$

Closure Procedure:

a. Disconnect and plug all inlet lines.
b. Remove oil and floating organics and burn for heat recovery.
c. Pump aqueous phase to sanitary sewer for treatment at the PVSC treatment systems.
d. Remove sludge and dispose off-site.
e. Decontaminate sump by washing. Pump wastewater to sanitary sewer.
f. Remove all appurtances (pumps, skimmer, pipings, etc.).
g. Secure sump by blinding inlet and outlet lines and cover.

II. Effluent Phase Separator

This separation tank is 18 feet high and 16 feet diameter and could handle 25,000 gallons.

Closure Procedure:

a. Remove oil and organic phase for heat recovery.
b. Pump wastewater to discharge.
c. Wash the tank and pump wastewater to sanitary sewer.
d. Secure the tank by blinding inlet and outlet lines.

III. Waste Pile (Asbestos)

Closure Procedure:

a. Ship asbestos/asbestos-contaminated material to a DEP-approved sanitary landfill (ID No. 27).

IV. Hot Box

The Hot-Box is primarily used for melting off-specification products, spills, and laboratory unused samples. Depending upon the quality of the material, it is recycled to plant processes or burned for heat recovery. This system can handle 30 drums of materials in three days.

Volume: 8 ft x 8 ft x 40 ft = 2,560 CF

Closure Procedure

a. Remove drums for off-site disposal.
b. Dis-assemble steaming rack.
c. Decontaminate Hot Box and concrete floor.
d. Pump wastewater to sanitary sewer.

V. Drum storage and Cleaning Areas

The drum storage area (40 ft x 50 ft and 80 ft x 120 ft x 60 ft x 100 ft) is:

40 ft x 50 ft + ½ [(80 ft x 100 ft) + 60 ft x 120 ft)]

= 200 sq. ft. + ½ [(8000) + (7200)] sq. ft.

= 200 sq. ft. + 7600 sq. ft.

= 7800 sq. ft.

This storage area could accomodate up to 500 drums. However, plant internal drum storage is limited to 80 drums (one truckload). Waste drums (hazardous and non-hazardous wastes) stored in this area are stencilled/labeled prior to off-site shipment and disposal.

Closure Procedure

a. Ship drummed waste material for off-site disposal/
b. Clean concrete floors and trenches. Drum solids for off-site disposal and pump/drain water washings to process sewer.

VI. No further closure action required.

VII. No further closure action required.

VIII. No further closure action required.

Alex V. Guanlao
Environmental Engineer

c: HDG(File: RCRA Closure Plan)

Updated 6-01-83

Notification of Hazardous Waste Site

United States Environmental Prot Agency Washington DC 20

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies. 81608 NJS 000 001 269

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name: Conoco Inc./Pitt-Consol Chemicals
Street: 191 Doremus Avenue
City: Newark State: NJ Zip Code: 07105

B Site Location:

Enter the common name (if known) and actual location of the site.

NJD004948188

Name of Site: Conoco Inc./Pitt-Consol Chemicals
Street: 191 Doremus Avenue
City: Newark County: Essex State: NJ Zip Code: 07105

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title): Garrison, Harry - Plant Manager
Phone: (201) 344-3800

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year): Pre-1900 To (Year): ~~Present~~ 1981

E Waste Type: Choose the option you prefer to complete

Option I: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

_____
_____
_____

Source of Waste: Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☐ Other (Specify)

_____
_____
_____

Option 2: This option is available to persons familiar with t Resource Conservation and Recovery Act (RCRA) Section 3C regulations (40 CFR Part 261).

Specific Type of Waste: EPA has assigned a four-digit number to each hazardous wa listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the si located.

Form Approved
OMB No. 2000-0138
EPA Form 8900-1

ATTACHMENT D

Notification of Hazardous Waste Site — Side Two

E Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☒ Landfill
4. ☒ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☒ Drums, Below Ground
9. ☐ Other (Specify) _____

Total Facility Waste Amount

cubic feet ~~Unknown~~

gallons

Total Facility Area

square feet

acres ~~Approx.~~ 37 ~~acres~~ A

G Known, Suspected or Likely Releases to the Environment:

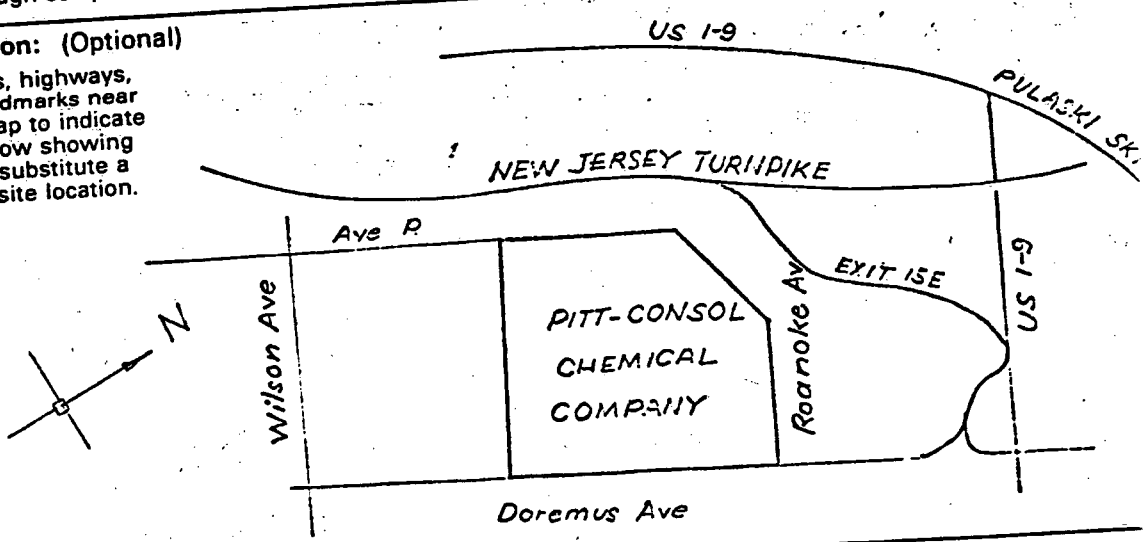
Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☒ Suspected ☐ Likely ☐ None

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.



I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

(Industrial activity has taken place on this site since befor 1900. Consolidation Coal Co. purchased the Plant in the mi fifties from Reilly Tar. Conoco acquired Consolidation Coa in the late sixties and currently produces cresylic acids a the Newark Plant.

Based on employee interviews, it appears that industrial wa may have been deposited at several locations throughout the Plant. Some of this material likely meets the definition of hazardous waste.

Like many manufacturing sites of this vintage, the present owner has no way of quantifying waste type and volume which may have been disposed of in the past. As a result, Conoco i reporting the entire Plant site to meet its obligations under Superfund (CERCLA).

The quality of water in the area is poor. During the recent water shortage, a well was drilled in the area. Brackish water (800 ppm chlorides) was found in excess of 500 feet the current groundwater level. Closer to the surface chlorides were as high as 3600 ppm.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name Harry D. Garrison

Street Conoco Inc./Pitt-Consol Chemicals 191 Doremus Avenue

City Newark State NJ Zip Code 07105

Signature Harry D Garrison Date 6/8/81

☒ Owner, Pres
☐ Owner, Past
☐ Transporter
☐ Operator, Pr
☐ Operator, Pa
☐ Other

D-2

RCRA TREATMENT, STORAGE AND DISPOSAL FACILITY INSPECTION FORM
FOR TSD FACILITIES ONLY

COMPANY NAME: PITT CONSOL CHEMICAL EPA I.D. Number: NJD004948188

COMPANY ADDRESS: 191 DOREMUS AVE. NEWARK, N.J. 07105

COMPANY CONTACT OR OFFICIAL: ALEX V. GUANLAO

TITLE: ENVIRONMENTAL ENGINEER.

OTHER ENVIRONMENTAL PERMITS HELD BY FACILITY: ☐ NPDES ☑ AIR ☐ OTHER

INSPECTOR'S NAME: WAYNE HOWITZ, CHARLES ELMENDORF

BRANCH/ORGANIZATION: N.J.D.E.P. BUREAU OF HAZARDOUS WASTE

DATE OF INSPECTION: 12/08/81

TIME OF DAY INSPECTION TOOK PLACE: 9:00 A.M. – 2:00 P.M.

(1) Is there reason to believe that the facility has hazardous waste on site?

a. If yes, what leads you to believe it is hazardous waste? Check appropriate box:

☑ Company admits that its waste is hazardous during the inspection.

☑ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.

☑ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☑ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

	YES	NO	DON'T KNOW
b. Is there reason to believe that there are hazardous wastes on-site which the company claims are merely products or raw materials?	___	___	___

Please explain:

c. Identify the hazardous wastes that are on-site, and estimate approximate quantities of each.
37- 55 gallon drums containing solids contaminated with cresylic acid.
30- 225 Lb. drums containing phosphoric acid saturated with Boron Tri Flouride (BF_3).

(2) Does the facility generate hazardous waste?	X	___	___
(3) Does the facility transport hazardous waste?	___	X	___
(4) Does the facility treat, store or dispose of hazardous waste?	X	___	___

ATTACHMENT E

VISUAL OBSERVATIONS

	YES	NO	DON'T KNOW
(5) SITE SECURITY (§265.14)			
a. Is there a 24-hour surveillance system?	✓		
b. Is there a suitable barrier which completely surrounds the active portion of the facility?	✓		
c. Are there "Danger-Unauthorized Personnel Keep Out" signs posted at each entrance to the facility?	✓		
(6) Are there ignitable, reactive or incompatible wastes on site? (§265.27)	✓		
a. If "YES", what are the approximate quantities? 6,750 pounds of phosphoric acid saturated with carbon tet flouride			
b. If "YES", have precautions been taken to prevent accidential ignition or reaction of ignitable or reactive waste?	✓		
c. If "YES", explain - All material is drumed & placed in a building.			
d. In your opinion, are proper precautions taken so that these wastes do not:			
- generate extreme heat or pressure, fire or explosion, or violent reaction?	✓		
- produce uncontrolled toxic mists, fumes, dusts, or gases in sufficent quantities to threaten human health?	✓		
- produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions?	✓		
- damage the structural integrity of the device or facility containing the waste?	✓		
- threaten human health or the environment?	✓		

Please explain your answers, and comment if necessary.

e. Are there any additional precautions which you would recommend to improve hazardous waste handling procedures at the facility?
yes drums containing spilled material (photo attached) should be overpacked to prevent any further deterioration of the containers.

(7) Does the facility comply with preparedness and prevention requirements including maintaining: (§265.32)

	YES	NO	DON'T KNOW
- an internal communications or alarm system?	X		
- a telephone or other device to summon emergency assistance from local authorities?	X		
- portable fire equipment?	X		
- adequate aisle space? APPROXIMATELY 300 - 55 GALLON DRUMS AWAITING RECOVERY TO BE USED AS A SUPPLEMENTARY FUEL SOURCE FOR DITT-CONSOLS BOILER, ARE STORED WITH-OUT ANY ISLE SPACE.		X	
- in your opinion, do the types of wastes on site require all of the above procedures, or are some not needed? Explain. THE WASTE MATERIAL CONSISTING OF CRESYLIC ACID IS ENCLOSED ON A CONCRETE PAD. AND DIKE ALL AROUND. ANY SPILL ARE CONTAINED WITHIN THIS AREA. THE SPILLED MATERIAL IS PUMPED TO A SUMP LOCATED WITHIN THE DIKE. THE SPILLED MATERIAL IS PUMPED INTO A PRIMARY AND SECONDARY SEPARATOR. THE DISSOLVED MATERIAL IS PUMPED DISCHARGED INTO THE PASSAIC VALLEY SEWAGE AUTHORITY, THE NON DISSOLVED MATERIAL IS BURNED IN THE BOILER.	X		

In your opinion, do the types of wastes on site require all of the above procedures, or are some not needed? Explain.

*(8)	Have you inspected to verify that the groundwater monitoring wells (if any) mentioned in the facility's groundwater monitoring plan (see no. 19 below) are properly installed?	N/A	
	If you have, please comment, as appropriate.		N/A
(9) a.	Is there any reason to believe that groundwater contamination already exists from this facility? If "YES", explain.		
b.	Do you believe that operation of this facility may affect groundwater quality?		X
c.	If "YES", explain.		

RECORDS INSPECTION

(10)	Has the facility received hazardous waste from an off-site source since Nov. 19, 1980 (effective date of the regulations)?		X
a.	If "YES", does it appear that the facility has a copy of a manifest for each hazardous waste load received?	N/A	
b.	How many post-November 19 manifests does it have? (If the number is large, you may estimate)		
c.	Does each manifest (or a representative sample) have the following information?		
	- a manifest document number	N/A	

* This requirement applies only after November 19, 1981.

	YES	NO	DON'T KNOW
- the generator's name, mailing address, telephone number, and EPA identification number	N/A		
- the name, and EPA identification number of each transporter	N/A		
- the name, address and EPA identification number of the designated facility and an alternate facility, if any;	N/A		
- a DOT description of the wastes		N/A	
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle	N/A		
- a certification that the materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation under regulations of the Department of Transportation and the EPA	N/A		
d. Are there any indications that unmanifested hazardous wastes have been received since November 19, 1980? If YES, explain.	N/A		
(11) Does the facility have a written waste analysis plan specifying test methods, sampling methods and sampling frequency? (§265.13)	✓		
a. Does the character of wastes handled at the facility change from day to day, week to week, etc., thus requiring frequent testing? (You may check more than one) Waste characteristics vary ____ All wastes are basically the same ✓ Company treats all waste as hazardous ____ Don't Know ____			
b. Does hazardous waste come to this facility from off-site sources?		✓	
c. If waste comes from an off-site source, are there procedures in the plan to insure that wastes received conform to the accompanying manifest?	N/A		
(12) INSPECTIONS (§265.15)			
a. Does the facility have a written inspection schedule?	✓		
b. Does the schedule identify the types of problems to be looked for and the frequency for inspections?	✓		
c. Does the owner/operator record inspections in a log?	✓		
d. Is there evidence that problems reported in the inspection log have not been remedied? If "YES," please explain.		✓	

	YES	NO	DON'T KNOW

(13) PERSONNEL TRAINING (§265.16)

a. Is there written documentation of the following:

- job title for each position at the facility related to hazardous waste management and the name of the employee filling each job? X
- type and amount of training to be given to personnel in jobs related to hazardous waste management? X
- actual training or experience received by personnel? X

(14) Does the facility have a written contingency plan for emergency procedures designed to deal with fires, explosion or any unplanned release of hazardous waste? (§265.51) X

a. Does the plan describe arrangements made with local authorities? X

b. Has the contingency plan been submitted to local authorities? X

How do you know? According to HARRY D. GARRISON - PLANT MANAGER. The contingency plan has not been submitted to the local authorities. However, Mr. Garrison stated that the Newark Fire Department inspects and is familiar with Pile-Consols emergency procedure

c. Does the plan list names, addresses, and phone numbers of Emergency Coordinators? X

d. Does the plan have a list of what emergency equipment is available? X

e. Is there a provision for evacuating facility personnel? X

f. Was an Emergency Coordinator present or on call at the time of the inspection? X

(15) Does the owner/operator keep a written operating record with: (§265.73)
Pile Consol does not accept wastes other than those generated within the plant

- a description of wastes received with methods and dates of treatment, storage or disposal? N/A
- location and quantity of each waste? N/A
- detailed records and results of waste analysis and treatability tests performed on wastes coming into the facility? N/A
- detailed operating summary reports and description of all emergency incidents that required the implementation of the facility contingency plan? N/A

*(16) Does the facility have written closure and post-closure plans? (§265.110) X

a. Does the written closure plan include:

- a description of how and when the facility will be partially (if applicable) and ultimately closed? X

* Effective date for this requirement is May 19, 1981.

E-5

	YES	NO	DON'T KNOW
- an estimate of the maximum inventory of wastes in storage or treatment at any time during the life of the facility?	✓	—	—
- a description of the steps necessary to decontaminate facility equipment during closure?	✓	—	—
- a schedule for final closure including the anticipated date when wastes will no longer be received and when final closure will be completed?	✓	—	—
b. What is the anticipated date for final closure? NOT KNOWN	—	—	✓
†c. Does the owner/operator have a written post-closure plan identifying the activities which will be carried on after closure and the frequency of these activities?	—	N/A	—
d. Does the written post-closure plan include:			
- a description of planned groundwater monitoring activities and their frequencies during post-closure?	—	N/A	—
- a description of planned maintenance activities and frequencies to ensure integrity of final cover during post-closure?	—	N/A	—
- the name, address and phone number of a person or office to contact during post-closure?	—	N/A	—
*(17) Does the owner/operator have a written estimate of the cost of closing the facility? (§265.142) What is it? $29,000	✓	—	—
*(18) Does the owner/operator have a written estimate of the cost for post-closure monitoring and maintenance?	—	N/A	—
What is it? (§265.144)	—	N/A	—
*(19) Has a groundwater monitoring plan been submitted to the Regional Administrator for facilities containing a surface impoundment, landfill or land treatment process? (This requirement does not apply to recycling facilities.) (§265.90)			
a. Does the plan indicate that at least one monitoring well has been installed hydraulically upgradient from the limit of the waste mangement area?	—	N/A	—
b. Does the plan indicate that there are at least three monitoring wells installed hydraulically downgradient at the limit of the waste management area?	—	N/A	—

† This section applies only to disposal facilities.

* Effective date for this requirement is May 19, 1981.

SITE-SPECIFIC

Please circle all appropriate activities and answer questions on indicated pages for all activities circled. When you submit your report, include only those site-specific pages that you have used.

STORAGE	TREATMENT	DISPOSAL
Waste Pile p. 9	Tank p. 8	Landfill pp. 10-11
Surface Impoundment p. 8	Surface Impoundment pp. 8-9	Land Treatment pp. 9, 10
(Container p. 7)	Incineration pp. 12-13	Surface Impoundment p. 8
Tank, above ground p. 8	Thermal Treatment pp. 12-13	Other _____
Tank, below ground p. 8	Land Treatment pp. 9-10	
Other _____	Chemical, Physical p. 13 and Biological Treatment (other than in tanks, surface impoundment or land treatment facilities)	
	Other _____	

CONTAINERS (§265.170)

	YES	NO	DON'T KNOW
1. Are there any leaking containers?	✓		

If "YES", explain. APPROXIMATELY EIGHT (8) DRUMS LOCATED WITHIN A DIKED IN AREA & ON A CONCRETE PAD, WERE OBSERVED LEAKING. THE ANY SPILL WITHIN THIS AREA TRAVEL TO A SUMP WHERE THEY ARE PASSED INTO A PRIMARY AND SECONDARY SCRUBBER. THE DISSOLVED MATERIAL IS DISCHARGED INTO THE PASSAIC VALLEY SEWAGE AUTHORITY (PVSA). THE NON-DISSOLVED MATERIAL IS USED IN PITT-CONSOL BOILER.

2. Are there any containers which appear in danger of leaking?	✓		

If "YES", explain. MANY DRUMS APPEAR SEVERELY WEATHERED THAT ARE AWAITING TO BE RECOVERED IN PITTCONSOLS "HOT BOX" A BOX USED TO SEPARATE SPILLED MATERIAL FROM CONTAMINATED SOIL & SOILS

3. Do wastes appear compatible with container materials?	✓		
4. Are all containers closed except those in use?		✓	
5. Do containers appear to be opened, handled or stored in a manner which may rupture the containers or cause them to leak?	✓		

6. How often does the plant manager claim to inspect container storage areas? WEEKLY

7. Does it appear that incompatible wastes are being stored in close proximity to one another?		✓	

If "YES", explain.

8. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility's property line?	✓		

9. What is the approximate number and size of containers with hazardous wastes?
300 - 55 GALLON DRUMS AWAITING RECOVERY
27 - 55 GALLON DRUMS CONTAINING SOILS CONTAMINATED WITH CRESYLIC ACID
30 - 225 POUND DRUMS CONTAINING PHOSPHORIC ACID SATURATED WITH BENTONITE CLAY

E-7

RCRA TREATMENT, STORAGE AND DISPOSAL FACILITY INSPECTION FORM
FOR TSD FACILITIES ONLY

COMPANY NAME: PITT CONSOL CHEMICAL EPA I.D. Number: NJD004948188

COMPANY ADDRESS: 191 DOREMUS AVE. NEWARK, N.J. 07105

COMPANY CONTACT OR OFFICIAL: ALEX U GUANLAO

TITLE: ENVIRONMENTAL ENGINEER.

OTHER ENVIRONMENTAL PERMITS HELD BY FACILITY: ☐ NPDES ☑ AIR ☐ OTHER

INSPECTOR'S NAME: WAYNE HOWITZ, CHARLES ELMENDORF

BRANCH/ORGANIZATION: N.J.D.E.P. BUREAU OF HAZARDOUS WASTE

DATE OF INSPECTION: 12/08/81

TIME OF DAY INSPECTION TOOK PLACE: 9:00 A.M. – 2:00 P.M.

(1) Is there reason to believe that the facility has hazardous waste on site?

a. If yes, what leads you to believe it is hazardous waste? Check appropriate box:

☑ Company admits that its waste is hazardous during the inspection.

☑ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.

☑ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☑ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

	YES	NO	DON'T KNOW
b. Is there reason to believe that there are hazardous wastes on-site which the company claims are merely products or raw materials?	—	—	—

Please explain:

c. Identify the hazardous wastes that are on-site, and estimate approximate quantities of each.
37- 55 GALLON DRUMS CONTAINING SOLIDS CONTAMINATED WITH CRESYLIC ACID.
30- 225 LB. DRUMS CONTAINING PHOSPHORIC ACID SATURATED WITH BORON TRI FLOURIDE (BF_3).

(2) Does the facility generate hazardous waste?	✗	—	—
(3) Does the facility transport hazardous waste?	—	✗	—
(4) Does the facility treat, store or dispose of hazardous waste?	✗	—	—

MALCOLM PIRNIE

OFF - SITE RECONNAISSANCE

Date: ~~Feb~~ March 27, 1985 Time: 9:40 to 10:20 am

Site ID No. 269

Site name: Conoco - Pitt Consol Chemical

Location: Doremus and Roanoke Aves - between Doremus and Avenue P

Address: 191 Doremus Ave

City, State: Newark NJ Zip: _____

Personnel:	Title:
Ed Enright	Civil Engineer
Paul Sdorenko	Hydrogeologist

Conditions: Clear Temperature: 55°F

Signature: Edward J. Enright Date: 3/27/85

Witness: [signature] Date: 3/27/85

MALCOLM PIRNIE

FIELD NOTES

Subject: Conoco Inc. (Pitt Consol Chemical) **Site ID No.** 269

Date: 3/27/84 **Page No.** 2

Site is located on the west side of Doremus Ave. just south of Roanoke Ave. Site is large ~1/4 mile long by 750' wide. It is entirely fenced. Entrance is from Roanoke Ave. Bordered by streets on all sides except south, which is bordered by railroad tracks. Area is heavily industrialized. It appears that no processing work is being done at this site (inactive). There are about 10 workers on site who are dismantling storage tanks. A crane and a backhoe are present, placing panels of sheet metal onto trucks. Welders are cutting the sheets from the tanks. Several men have protective clothing and face shields on as they carry the sheets to dumpsters. This operation is taking place on north end of site. It appears that a similar operation has been completed on the south end, as retention walls are present with no tanks inside them. There are approximately 100 ± tanks in various locations on the site. Some are open and empty. Junk left lying in several locations. Several monitoring wells seen on site (all properly capped). A handful of drums are stored on site (6± in good condition.) All tanks have impoundment walls around them. No spills or discolored soil noted.

Signature: Edward J Enright **Date:** 3/27/85

Witness: [illegible] **Date:** 3/27/85

MALCOLM PIRNIE

PHOTO LOG

Subject: Conoco, Inc. (Pitt-Consol Chem) **Site ID No.** 269

Date: 3/27/85 **Page No.** 3

ASA: 100 ~~**Frame:**~~ ~~**To:**~~

Frame #	Object	From	Direction
Roll #1			
14	West side of plant	Avenue P	East
15	Salvage operation w/ backhoe	Avenue P	East
16	Salvage operation	Roanoke Ave	South
17	Welding and sheet metal collection	Roanoke Ave	South
18	East side of plant	Doremus Ave	West

Signature: Edward J Emmett **Date:** 3/27/85

Witness: [signature] **Date:** 3/27/85

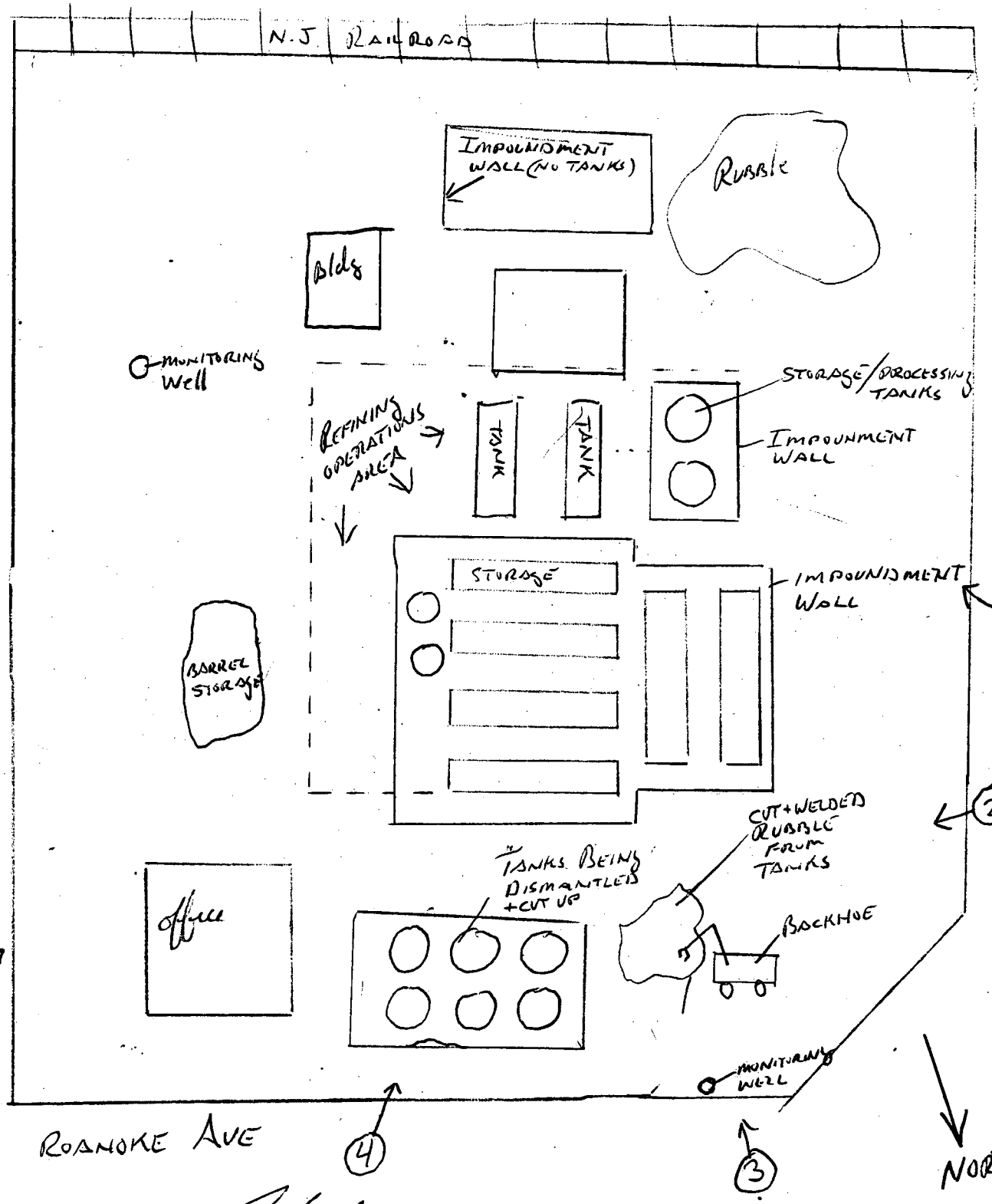
MALCOLM PIRNIE

MAPS AND SKETCHES

Page: 4

Site: CONOCO INC

ID No. 269



Signature: R Ludowski

Date: 3/27/85

Witness: Edward J Enright

Date: 3/27/85

MALCOLM PIRNIE

SITE NAME: Conco Inc (Pitt-Consol Chem)

ID NO: 269

LOCATION: Newark
Essex County

FILE	SEARCH DATE	REVIEWER	RCRA 3001 FORM	CERCLA 103C FORM	PRELIMINARY INSP. REPORT	FIELD INSPECTION REPORTS	AGENCY INTERNAL MEMOS	RESP. PARTY CORRESPONDENCE	FORMAL REPORTING DOCUMENTS	SITE SKETCHES	ANALYTICAL DATA	SECOND SEARCH DATE	REMARKS	QA CHECK
EPA/ Edison	3-21-85	SS			✓									

CODES:

✓ REVIEWED AND COPIED
X REVIEWED BUT NOT COPIED
NF NOT FOUND

MALCOLM PIRNIE

SITE NAME: Conco Inc (Pitt-Consol Chem)

ID NO: 269

LOCATION: 191 Doremus Ave, Newark

FILE	SEARCH DATE	REVIEWER	RCRA 3001 FORM	CERCLA 103C FORM	PRELIMINARY INSP. REPORT	FIELD INSPECTION REPORTS	AGENCY INTERNAL MEMOS	RESP. PARTY CORRESPONDENCE	FORMAL REPORTING DOCUMENTS	SITE SKETCHES	ANALYTICAL DATA	SECOND SEARCH DATE	REMARKS	QA CHECK
EVA/Doll	3/4/85	GAV					✓	✓				4/3/85		
	4/2/85	03			✓	✓			✓					

CODES:

✓ REVIEWED AND COPIED
X REVIEWED BUT NOT COPIED
NF NOT FOUND

MALCOLM PIRNIE

SITE NAME: Pitt-Consol Chem Co. (Conco Inc.)

ID NO: 269

LOCATION: Newark Essex County

FILE	SEARCH DATE	REVIEWER	RCRA 3001 FORM	CERCLA 103C FORM	PRELIMINARY INSP. REPORT	FIELD INSPECTION REPORTS	AGENCY INTERNAL MEMOS	RESP. PARTY CORRESPONDENCE	FORMAL REPORTING DOCUMENTS	SITE SKETCHES	ANALYTICAL DATA	SECOND SEARCH DATE	REMARKS	QA CHECK
EPA-FedPlaza	3-20-85	RMT	NF	✓	-NF									

CODES:

- ✓ REVIEWED AND COPIED
- X REVIEWED BUT NOT COPIED
- NF NOT FOUND
- NA NOT APPROPRIATE

MALCOLM PIRNIE

SITE NAME: Conoco Inc. (aka Pitt-Cousol Chemical)

ID NO: 269

LOCATION: Essex

FILE	SEARCH DATE	REVIEWER	RCRA 3001 FORM	CERCLA 103C FORM	PRELIMINARY INSP. REPORT	FIELD INSPECTION REPORTS	AGENCY INTERNAL MEMOS	RESP. PARTY CORRESPONDENCE	FORMAL REPORTING DOCUMENTS	SITE SKETCHES	ANALYTICAL DATA	SECOND SEARCH DATE	REMARKS	QA CHECK
HSMA	3/20/85	AK	←			NF					→			
DWM	3/21/85	AK	✓			✓	✓	✓	✓	✓			Pitt-Cousol Chemical file	

CODES:

✓ REVIEWED AND COPIED
X REVIEWED BUT NOT COPIED
NF NOT FOUND

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Conoco, Inc.

I.D. 269

DATE: March 27, 1985

FRAME: 14 TIME: 10:20am DIRECTION: East

DESCRIPTION: Western side of facility

FRAME: 15 TIME: 10:20am DIRECTION: East

DESCRIPTION: Sheet metal salvage operation (note backhoe)

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Conoco, Inc.

I.D. 269

DATE: March 27, 1985

FRAME: 16 TIME: 10:20am DIRECTION: South

DESCRIPTION: Sheet metal salvage operation

FRAME: 17 TIME: 10:20am DIRECTION: South

DESCRIPTION: Storage tanks being dismantled.

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Conoco, Inc.

I.D. 269

DATE: March 27, 1985

FRAME: 18 TIME: 10:20am DIRECTION: West

DESCRIPTION: Eastern side of plant.

MALCOLM PIRNIE

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

Reilly Tar and Chemical Corp. — Site Name

59 — Site ID Number

191 Doremus Ave. — Address

Newark, Essex Co., NJ — City, State

Date of Off-Site Reconnaissance: February 20, 1985

SITE DESCRIPTION

Reilly Tar and Chemical Corp. operated a coal tar refinery at this site during the period 1932 to June 1955, when it was sold to Pittsburgh Consolidated Coal Company(Pitt-Consol).The property was then purchased by Conoco,Inc.

PRIORITY FOR FURTHER ACTION: High ____ Medium ____ Low ____ None X

RECOMMENDATIONS

This entry is an alias of Pitt-Consol Chemical and should be removed from the list.
NUS/FIT performed a site inspection in March 1983.

Prepared by: Joseph Zollo **Date:** March 25, 1985

Of: JRB Associates

REVISED MAY 24, 1985

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE: NJ | 02 SITE NUMBER: 59

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Reilly Tar and Chemical Corp.	191 Doremus Ave.				
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG. DIST.
Newark	NJ	07105	Essex		
09 COORDINATES LATITUDE: 40 42 30.0	LONGITUDE: 74 07 00.0	BLOCK: 510, (516)	LOT: 10, (3)		

10 DIRECTIONS TO SITE (Starting from nearest public road): New Jersey Turnpike to Exit 14. Follow signs for Doremus Ave. Site located at the intersection of Doremus Ave. and Ave. P.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)		
Conoco Inc.	Highridge Park Box 1050		
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Stamford	CT	06704	( )
07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)		
Reilly Tar and Chemical Corp.	151 North Delaware St.		
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
Indianapolis	IN	46204	(317)-6387531

13 TYPE OF OWNERSHIP (Check one)
[X] A. PRIVATE [ ] B. FEDERAL _____ (Agency name) [ ] C. STATE [ ] D. COUNTY [ ] E. MUNICIPAL
[ ] F. OTHER _____ (Specify) [ ] G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
[ ] A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR [X] B. UNCONTROLLED WASTE (CERCLA 103c) DATE RECEIVED: 6/10/81 MONTH DAY YEAR [ ] C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
[ ] YES DATE _____ MONTH DAY YEAR
[X] NO
CONTRACTOR NAME (S) _____

BY (Check all that apply)
[ ] A. EPA [ ] B. EPA CONTRACTOR [ ] C. STATE [ ] D. OTHER CONTRACTOR
[ ] E. LOCAL HEALTH OFFICIAL [ ] F. OTHER _____ (Specify)

02 SITE STATUS (Check one)
[ ] A. ACTIVE [X] B. INACTIVE [ ] C. UNKNOWN

03 YEARS OF OPERATION
1932 BEGINNING YEAR | 1955 ENDING YEAR [ ] UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Based on submitted CERCLA 103C form, creosote wastes may have been stored or treated at this facility. Light oils from coal tar distillation may also be found at this site. (Attachment A)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
This entry is an alias of Pitt-Consol.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste information and Part 3 - Description of Hazardous Conditions and Incidents)
[ ] A. HIGH (Inspection required promptly) [ ] B. MEDIUM (Inspection required) [ ] C. LOW (Inspection on time available basis) [X] D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)		03 TELEPHONE NUMBER
Fred Schmitt	NJDEP/BEERA		(609)-2921215
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Joseph Zollo		JRB Assoc.	(201)-5990100	3/25/85 MONTH DAY YEAR

EPA FORM 2070-12 (7-81)

1. Gravelled surface in active plant area.

2. Gravelled surface covering former tar waste impoundments.

Pitt-Consol Chemicals; Newark, NJ
March 2, 1983

3. View of fill covering former tar waste impoundments.

4. Close-up of tar waste on surface above former impoundment.

Pitt-Consol Chemicals; Newark, NJ
March 2, 1983

5. Surface with tar waste visible.

6. Surface with tar waste visible. To the right (south) of photo 5.

Pitt-Consol Chemicals; Newark, NJ
March 2, 1983

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	59

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES *(Check all that apply)*

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ *(Specify)*
- ☐ E. SLURRY
- ☒ F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE *(Measures of waste quantities must be independent)*

- TONS: unknown
- CUBIC YARDS: unknown
- NO. OF DRUMS: unknown

03 WASTE CHARACTERISTICS *(Check all that apply)*

- ☒ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☒ D. PERSISTENT
- ☒ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☒ G. FLAMMABLE
- ☐ H. IGNITABLE
- ☒ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE	unknown		
SOL	SOLVENTS	unknown		
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	unknown		
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES *(See Appendix for most frequently cited CAS Numbers)*

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
OLW	Creosote *	91-20-30			
OCC	Phenols *	999			
OCC	Tar Oil *	6599-69-10			
OCC	Coal Tar *	8007-45-2			
OCC	Anthracene *	120-12-7			
OCC	Naphthalene *	91-20-3			
OCC	Pyrene *	129-00-0			
SOL	Benzene *	71-43-2			
SOL	Toluene *	108-88-3			
	Attachment A				

V. FEEDSTOCKS *(See Appendix for CAS Numbers)*

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION *(Cite specific references, e.g. state files, sample analysis, reports)*

EPA Region II File: Attachment A

* The compounds listed above should be considered a generic list of constituents commonly found in coal tar and associated by-products.

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	59

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ C. CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

01 ☐ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NJ	59

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

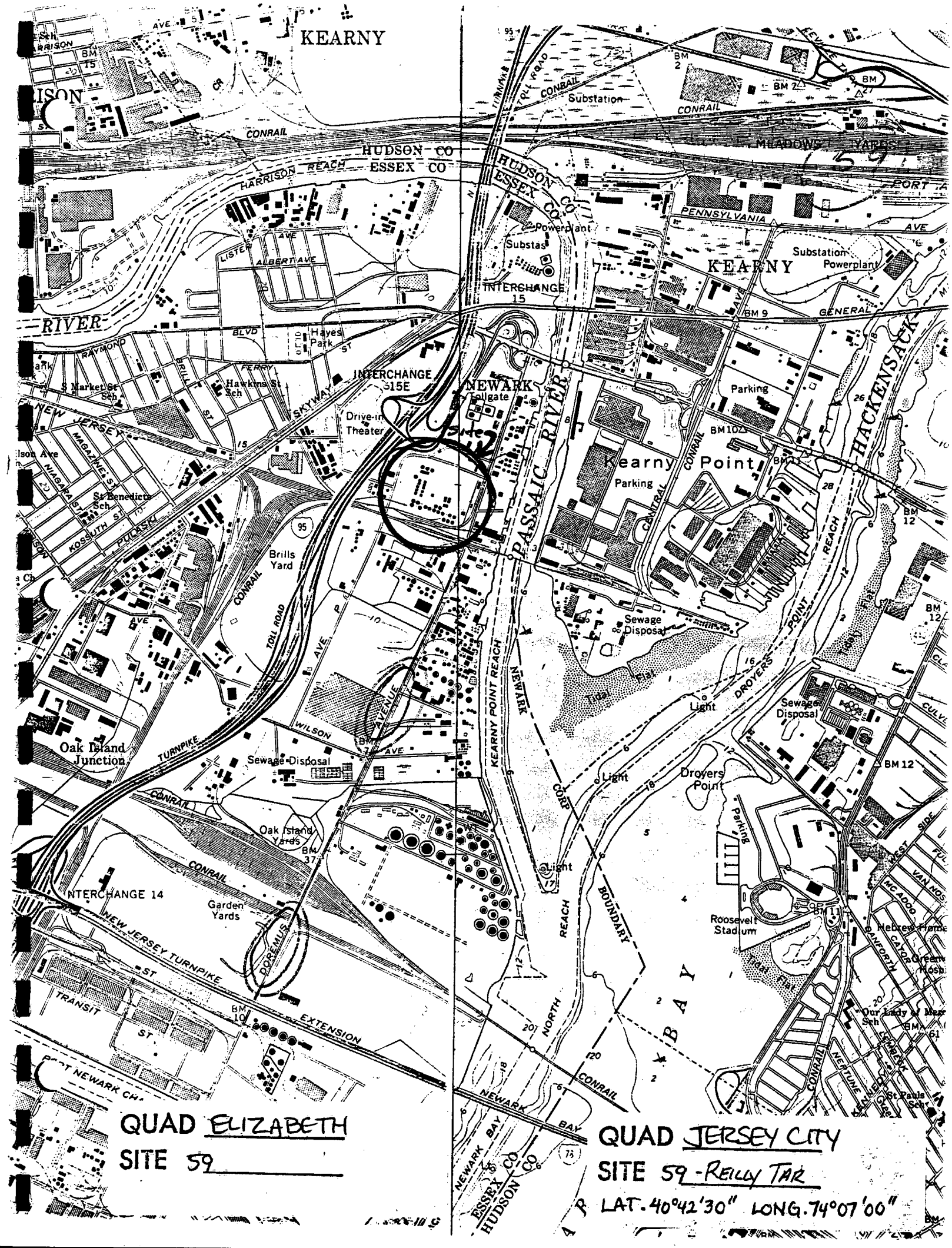
III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

This entry is an alias for Pitt-Consol Chemical.
NUS/FIT conducted a site inspection in March 1983.

V. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

EPA Region II File: Attachment A



QUAD ELIZABETH

SITE 59

QUAD JERSEY CITY

SITE 59 - REILLY TAR

LAT. 40°42'30" LONG. 74°07'00"

NJS 000 00/ 00 2

REILLY TAR & CHEMICAL CORPORATION

TELEPHONE: 317/638-7531
CABLE: RETAR INDIANAPOLIS
TELEX: 27-404

1510 MARKET SQUARE CENTER
151 NORTH DELAWARE STREET
INDIANAPOLIS, INDIANA 46204

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

June 1, 1981

1 0 JUN 1981

United States Environmental Protection Agency
Region Two
Sites Notification
New York, New York 10007

Gentlemen:

We enclose herewith EPA Form 8900-1 (OMB Form No. 20000138) with respect to a site formerly owned by Reilly Tar & Chemical Corporation ("Reilly"). This form is submitted in order to avoid any possible allegation that Reilly has failed to comply with Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980. Reilly expressly reserves its right to question in an appropriate proceeding the applicability and the legality of the Act.

It is Reilly's belief that wastes from the operation of a coal tar refinery or a wood preservative plant using creosote are not hazardous. Reference is made to the Response of the American Wood Preservers Institute to notices issued by the EPA on October 18, 1978 of a Rebuttable Presumption Against Registration of pesticide products containing coal tar, creosote and coal tar neutral oils. Reilly is aware that creosote has been classified by the EPA as a hazardous waste in 40 C.F.R. §261.33(f) and that sludges from the treatment of wastewaters from wood preserving processes that use creosote and from creosote production have been classified as hazardous in 40 C.F.R. §261.32.

Such wastes may have been stored or treated at the facility for which this notice is submitted. Since the instructions for filing and the explanation of their applicability in the Federal Register are unclear, and because we desire to cooperate with EPA in its compilation of a comprehensive inventory this notice is submitted.

Very truly yours,

REILLY TAR & CHEMICAL CORPORATION

Robert Polack
General Counsel

RP:BG

ATTACHMENT A-1

59

Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

Notification information is
Section 103(c) of the Compre-
Environmental Response, Compen-
and Liability Act of 1980 and must
filed by June 9, 1981.

10 JUN 1981

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

8/0603

NJS 000001002

Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name: Reilly Tar & Chemical Corporation

Street: 151 North Delaware Street, Suite 1510

City: Indianapolis State: Ind. IN Zip Code: 46204

B Site Location:

Enter the common name (if known) and actual location of the site.

NJD 980532758

Name of Site: Reilly Tar & Chemical Corporation

Street: 191 Doremus

City: Newark County: Essex State: NJ Zip Code: 07105

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title): Polack, Robert, General Counsel

Phone: (317) 638-7531

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year): 1932 To (Year): 1955

E Waste Type: Choose the option you prefer to complete

Option I: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☐ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

_____

_____

_____

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☐ Other (Specify)

_____

_____

_____

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous was listed in the regulations under Section 3001 of RCRA. Enter th appropriate four-digit number in the boxes provided. A copy o the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

U051		

A-2

Form Approved
OMB No. 2000-0138

Notification of Hazardous Waste Site — Side Two

39

P19 C

M

CERTIFIED MAIL
URN RECEIPT

F Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☒ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☐ Other (Specify) _____

Total Facility Waste

cubic feet _____

gallons ~~None~~

Total Facility Area

square feet _____

acres ~~Unknown~~

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☐ Suspected ☐ Likely ☒ None

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

Coal tar refinery. Purchased 1932 from International Combustion Tar & Chemical. Sold June 1955 to Pittsburgh Consolidated Coal Company, Pittsburgh, PA

A-3

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name Robert Polack

Street 151 North Delaware Street, Suite 1510

City Indianapolis State Ind Zip Code 46204

Signature Robert Polack Date 6/1/81

☐ Owner, Present
☒ Owner, Past
☐ Transporter
☐ Operator, Present
☒ Operator, Past
☐ Other

MALCOLM PIRNIE

OFF - SITE RECONNAISSANCE

Date: 2/20/85 Time In 10:45 Am Out 11:30 Am

Site ID No. 59

Site Name: Reilly Tar & Chemical Co.

Location:

Address: 191 Doremus Ave.

City, County: Newark, Essex Zip: 07105

Personnel: Joseph Zilla Title: Environmental Engineer

SOTERIOS STAVROU Ass. Environmental Engineer

Conditions: Clear + Sunny Temperature: 40°F

Any evidence of imminent hazard? No Illegal Dumping? No

Uncapped Monitoring Wells? No If Yes, Notify NJDEP

Signature: Joseph Zilla Date: 2/20/85

Witness: Soterios Stavrou Date: 2/20/85

MALCOLM PIRNIE

FIELD NOTES

Site: [redacted] Reilly Tar + Chemical Site ID No. 59

Date: 2/20/85

- Site was sold to Pitt-Consol. Chemical Corp.
- It appears that there are no members operating at the site at this time.
- Contractor signs + crews were attended - site
  It appeared that storage tanks (aboveground) were being refurbished.
- Numerous above ground storage tanks + reactor tanks were on site.
- Most tanks on concrete pads. Certain storage tanks had spill containment around them.
- Area surrounded by 6' high chain link fence w/ barbed wire

Signature: Joseph Zodi Date: 2/20/85

Witness: Sotirios Stavrou Date: 2/20/85

MALCOLM PIRNIE

PHOTO LOG

Subject: Reilly Tar & Chemical Site ID No. 57

Date: 2/20/95 Page No.

ASA: 100

Frame No:	Object photographed:*	Location of photographer:*	Compass heading:
10-13	Views of Complex	Dorcemus Ave.	SW
14-16	Various Views of Complex/ Storage Tanks	Ave. P	SE
16-19	Entrance of Facility	Ave. P	NE

*Indicate on sketch or map if possible

Signature: [signature] Date: 2/20/95

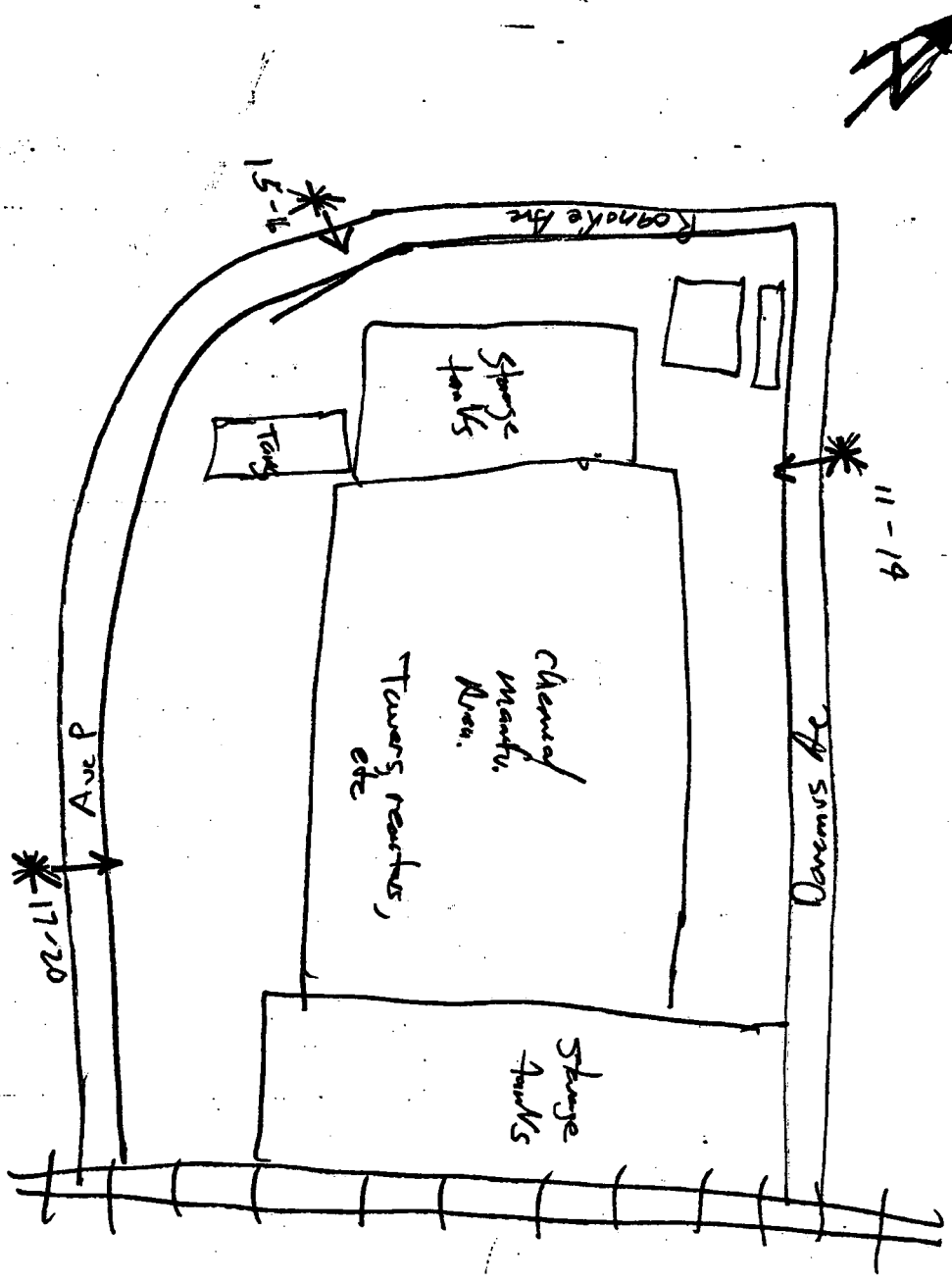
Witness: Steven Harrison Date: 2/20/95

MALCOLM PIRNIE

MAPS AND SKETCHES

Site: Re. My Turn Cleaners

ID No. 59



Signature: _____ Date: 2/20/85

Witness: Sotevios Stavrou Date: 2/20/85

MALCOLM PIRNIE

SITE NAME: Reilly Tar & Chem Corp
EPA # NJD980552758

ID NO: 59

LOCATION: Newark
Essex

FILE	SEARCH DATE	REVIEWER	RCRA 3001 FORM	CERCLA 103C FORM	PRELIMINARY INSP. REPORT	FIELD INSPECTION REPORTS	AGENCY INTERNAL MEMOS	RESP. PARTY CORRESPONDENCE	FORMAL REPORTING DOCUMENTS	SITE SKETCHES	ANALYTICAL DATA	SECOND SEARCH DATE	REMARKS	QA CHECK
EPA-Fed. Plaza	1/28/85	R.1	NF	✓	NF	←	←	←	←	←	→		Emis Turnaround Document: Lat: 40/42/30.0 Long: 074/07/00.0	

File review information was requested from the following sources:
NJDEP/DWR: Central; Groundwater; Regional Enforcement
NJDEP/DWM: HSMA; Central; Enforcement
NJDEP/OSR: Industrial Survey
USEPA: Federal Plaza, Edison

CODES:

✓ REVIEWED AND COPIED
X REVIEWED BUT NOT COPIED
NF NOT FOUND

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Reilly Tar

I.D. 59

DATE: 2/20/85

FRAME: 17 TIME: 10:45 a.m DIRECTION: N.E

DESCRIPTION: Side of facility from Ave P

FRAME: 18 TIME: 10:45 a.m DIRECTION: N.E

DESCRIPTION: Side of facility from Ave P

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Reilly Tar

I.D. 59

DATE: 2/20/85

FRAME: 19 TIME: 10.45 a.m DIRECTION: N.E

DESCRIPTION: side of complex from Ave P

FRAME: 14 TIME: 10.45a.m. DIRECTION: S.E

DESCRIPTION: View of storage tanks from Ave P

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Reilly Tar

I.D. 59

DATE: 2/20/85

FRAME: 13 TIME: 10.45 a.m DIRECTION: S.W

DESCRIPTION: View of complex from Dorenus Ave

FRAME: 15 TIME: 10.45 a.m DIRECTION: S.E

DESCRIPTION: View of storage tanks from Ave P

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Reilly Tar

I.D. 59

DATE: 2/20/85

FRAME: 12 TIME: 10.45 DIRECTION: S.W

DESCRIPTION: View of complex from Dorenus Ave

FRAME: 16 TIME: 10.45 DIRECTION: N.E

DESCRIPTION: side of facility from Ave P

MALCOLM PIRNIE

Preliminary Assessment Photo Log

SITE: Reilly Tar

I.D. 59

DATE: 2/20/85

FRAME: 10 TIME: 10.45 a.m DIRECTION: SW

DESCRIPTION: View of complex from Daremus Ave

FRAME: 11 TIME: 10.45 a.m DIRECTION: S.W

DESCRIPTION: View of complex from Daremus Ave